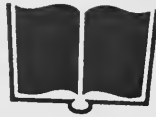




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DOCUMENTS DEPARTMENT







# REPORT

OF THE

# HEALTH DEPARTMENT

OF THE

City and County of San Francisco

FOR THE

FISCAL YEAR ENDING JUNE 30, 1896

A. S. LOVELACE, M. D., Health Officer

W. P. CHALMERS, M. D., Quarantine Officer

A. P. O'BRIEN, M. D., City Physician

CONRAD WEIL, M. D., Police Surgeon

F. H. STAHL, M.D., Supt. Physician City and Co'ty Hospital

E. A. REDDY, Superintendent City and County Almshouse

EDMOND GODCHAUX, Secretary Health Department

ALSO

Market Inspectors, Health Inspectors, Plumbing Inspectors,  
and Disinfectant Inspectors, Etc.



SAN FRANCISCO

THE HINTON PRINTING COMPANY, 321 SACRAMENTO ST.

16339

1896









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MESSENGER TO QUARANTINE OFFICER.....	J. J. HILLIARD

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# HEALTH OFFICER'S REPORT.

---

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Supervisors  
Of the City and County of San Francisco—*

GENTLEMEN: In submitting this my annual report of the Health Department for the fiscal year ending June 30, 1896, it is my earnest desire to call the attention of the Board of Health and the public to some of the most urgent needs of the Health Department. A reform and general revision of some of the old methods which have so long prevailed and the introduction of the new methods which conform to the requirements and teachings of modern sanitary science is what is needed here at the present time. San Francisco has reached a critical period in her health history, a fact which is emphasized by the events of the past year and the demands of the present moment.

A city which in its infancy is endowed with the most favorable climatic and topographical conditions, with an atmosphere remarkable for its high average of dryness and purity, with a soil which possesses the characteristic essential to free and rapid drainage, with water sources which in their original quality and quantity guarantee a safe supply for generations to come, and with a possible area which admits of active extension without the coincident danger of early overcrowding—such a city is apt, in the plenitude of its sanitary advantages, to pass through its early stages of growth and to develop into a metropolis before it awakens to a recognition of the truth that this heritage is exhaustible, that its credits are of necessity encroached upon in the course of time, and that ultimately, for the preservation of its health interests, it must throw around them the protective agencies of modern sanitary science.

San Francisco at the present time finds herself in such a position. She has such an inheritance to boast, and she has a past of such reckless reliance upon her natural advantages to repent. She is faced with such a necessity for sanitary reform. Her people have come to a point where they cannot ignore the fact that the chemistry of nature is no longer sufficient; that earth, air and water are suffering pollution from the accumulated waste products of human and animal life and from the remains of human and animal dead.

The rapid growth of the population, multiplication of factories, mills and slaughter houses, and of apartments and tenement buildings, the progressively increasing number of vaults, garbage pits and cesspools, the inclusion of cemeteries within the city limits, each and all contribute to this result. Village methods have been perpetuated under metropolitan conditions. Sanitary improvements have not kept pace with natural progress, and the health record of the city suffers in consequence.

Recognizing this condition of affairs to be true, it becomes the duty of the health authorities to carefully consider the needs of the hour. While we may sympathize with the popular idea of retrenchment at this stage of our municipal affairs, we must realize that the health interests of a large city cannot be sustained upon the financial basis which was ample for their support twenty years ago. The truest economy suggests some degree of active expenditure toward those natural health conditions which have done so much to give the city its prestige of the past.

Artificial must be rapidly substituted for natural drainage; the vault and cesspool must be abandoned for the closet and the sewer; modern sanitary plumbing and ventilation must be required. The sewage must be diverted from its deleterious duty of polluting our soil, and must be conveyed to points of discharge into the bay. Animal and vegetable refuse must be destroyed by fire rather than by the tardy process of chemical decomposition. Our food supplies should be subject to careful inspection in the stockyard, the dairy, the bakery and the places of sale. All these reforms press with persistent urgency upon us.

The present Board of Health have endeavored to establish sanitary reforms and modern methods of inspection, and considering the apathy of the public and the active opposition of some of the press and a majority of the Board of Supervisors, they are to be congratulated on the success they have achieved. One of the most important innovations that has been established by the present Board of Health is the system of milk and dairy herd inspection that is now being so successfully carried out.

The amount of adulterated milk that was found and the large number of tuberculous cows that were revealed by the tuberculin test was a surprise and shock to the public, and has demonstrated beyond a doubt the absolute necessity for a continuance of this inspection. This cannot be carried out, however, without the expenditure of a considerable outlay, comprising a sufficient force of inspectors, a veterinary surgeon, a bacteriologist, chemist and a properly equipped laboratory for chemical and bacteriological work.

The health inspection service of the department is entirely inadequate for anything like thorough or effective work. The number of inspectors employed on this service is six, and their time is mostly taken up investigating complaints that are made by citizens at this office and in abating nuisances that come under observation in their respective districts. Nothing like a systematic house to house inspection under the present conditions is possible. The number of inspectors in this department should be increased



so that in certain portions of the city a thorough and systematic house to house inspection could be instituted and a rigid enforcement of the sanitary laws be required in certain localities in this city, notably Chinatown, and the section known as the Latin quarter, and the cheap and over-crowded lodging and tenement houses, located for the most part on the south side of Market street. Many of these houses are in a deplorable condition and are utterly unfit for human habitation, reeking with filth, without any ventilation and worn-out and defective plumbing. These houses should be condemned and torn down.

In the Chinatown and Latin quarter districts there is an immense amount of work that should be done. Many of the houses should be condemned and torn down. The underground cellars in Chinatown, into which the light of day never enters, and in which there is no ventilation whatever, are occupied and used as opium smoking dens and sleeping quarters by hordes of Chinese. The owners of these places should be forced to close them, if necessary, by filling them up with earth. The plague spot known as Chinatown, and located in the choicest part of this city, should be entirely abolished, and with the necessary force of inspectors at my disposal I would gladly undertake the accomplishment of this event.

I have only referred in detail to a few of the reforms and nuisances that might be mentioned. The last few months, I am happy to say, has seen the solution of some of these problems, but the greater part remains to be solved. The history of the sanitary events of the past year will, I trust, hasten the solution of many of the problems that now confront us.

The deaths numbered 5,966, as against 6,059 for the corresponding term of last year. The classification of diseases is as follows:

I—Zymotic, 472.	II—Constitutional, 1,460.
III—Local, 3,068.	IV—Developmental, 581.
V—Violent deaths, 383.	V—Unascertained, 2.

Very respectfully,

A. S. LOVELACE, M. D.,  
Health Officer.

# INDEX\* OF MORTALITY TABLES AND DEPARTMENT REPORTS ACCOMPANYING HEALTH OFFICER'S REPORT.

## TABLE No.

1. Monthly distribution of mortality in San Francisco for 25 years.
2. Mortality in San Francisco for 25 years arranged according to classes.
3. Estimated population, deaths and death-rate of San Francisco for 25 years.
4. Mortality in San Francisco from all causes registered during the year ending June 30, 1896.—Appendix Tables 1, 2, 3, 4, 5, 6 to Table IV.
5. Mortality in San Francisco for 25 years arranged according to classes (Mongolian).
6. Estimated population, deaths and death-rate for 25 years (Mongolian).
7. Sex and nationality of decedents.
8. Ages of decedents in the different months.
9. Localities of mortalities for each month.
10. Monthly distribution of mortality.
11. Monthly distribution of mortality from zymotic diseases.
12. Twenty of the principal causes of death during calendar year 1895.
13. Statement of marriages, births and mortality for fiscal years 1890-91, 1891-92, 1892-93, 1893-94, 1894-95, 1895-96.
14. Births, marriages, deaths and population for the last 25 years.
15. Interment permits for fiscal year.
16. Deaths registered during calendar year 1895.
17. Metecrological observations during year ending June 30, 1896.
18. Disinterments and fees collected for year ending June 30, 1896.
19. Disinterment account for year ending June 30, 1896.
20. Salaries of Health Department for year ending June 30, 1896.
21. Expenses of Health Office for year ending June 30, 1896.
22. Fees collected for certified copies of births and deaths.
23. Comparative table of twenty principal causes of death.
24. Master plumbers' list.
25. Plumbing Inspector's report.
26. Assistant Plumbing Inspector's report.
27. Market Inspector's report.
28. Six Health Inspectors' reports.
29. Report of City Bacteriologist.
30. Report of City Chemist.
31. Superintendent City Cemetery report.
32. Disinterment Inspector's report.
33. Quarantine Officer's report for year ending June 30, 1896.
34. City Physician's report for year ending June 30, 1896.
35. Police Surgeon's report for year ending June 30, 1896.
36. Superintendent City and County Almshouse report for year ending June 30, 1896.
37. Superintendent City and County Hospital report for year ending June 30, 1896.

## ALPHABETICAL LIST OF THE CAUSES OF DEATH.

FOR THE FISCAL YEAR ENDING JUNE 30, 1896.

Atrophy, inanition, etc.....	282	Empyæmia.....	6
Alcoholism.....	24	Emphysæmia.....	1
Anæmia.....	28	Enteritis.....	134
Apoplexy.....	204	Fever, typhoid.....	101
Acute Mania.....	1	Fever, malarial.....	8
Asthma.....	16	Fever, urinary.....	1
Appendicitis.....	17	Goitre.....	3
Anthrithis of knee joint.....	1	Gout.....	2
Abscesses.....	19	Gangrene pulmonum.....	9
Abortion.....	1	Gastritis.....	50
Brain, inflammation.....	21	Gastro-enteritis.....	51
Brain, congestion.....	28	Gastric hemorrhage.....	2
Brain, softening.....	48	Gastro—intestinal catarrh.....	12
Brain, fever.....	1	Gall, obstruction of.....	1
Bronchitis.....	178	Gangrene of foot and leg.....	6
Bowels, ulceration.....	6	Gangrene.....	9
Bowels, inflammation.....	10	Hæmophilia.....	1
Birth, premature.....	69	Hydrocephalus.....	9
Casualties.....	208	Heart Diseases.....	707
Cholera infantum.....	71	Hæmoptysis.....	39
Croup.....	26	Hernia.....	13
Cerebro-spinal meningitis.....	20	Homicides.....	27
Cancer.....	322	Hæmatemesis.....	4
Cerebral tuberculosis.....	1	Hepatitis.....	155
Convulsions, infantile.....	100	Hydrocele.....	1
Convulsions.....	1	Hypertrophy of postate.....	1
Chorea.....	2	Influenza.....	8
Catarrh.....	4	Intestinal tuberculosis.....	10
Cystitis.....	15	Intestinal obstruction.....	29
Childbirth.....	12	Intestinal perforation.....	2
Diphtheria.....	19	Leucocythæmia.....	6
Dysentery.....	18	Leprosy.....	2
Diarrhæa.....	12	Lupus of face.....	1
Diabetes.....	29	Locomotor ataxia.....	10
Dentition.....	1	Lungs, congestion.....	43
Entero-colitis.....	13	Lungs, œdema.....	8
Erysipelas.....	17	Laryngitis.....	3
Encephalitis, etc.....	124	Morphinism.....	4
Epilepsy.....	15	Myelitis.....	8

## ALPHABETICAL LIST OF THE CAUSES OF DEATH—CONTINUED.

Neuritis.....	1	Syphilis.....	13
Nephritis.....	216	Spinal tuberculosis.....	2
Old age.....	189	Stricture of œsophagus.....	2
Pertussis.....	15	Stricture of penis.....	1
Purpura hæmorrhagica.....	3	Spinal caries.....	1
Painters' colic.....	1	Spina bifida.....	2
Phthisis pulmonalis.....	1,003	Suicides.....	148
Paralysis.....	72	Shock.....	28
Pneumonia.....	467	Senile gangrene.....	7
Pyo thorax.....	3	Tubercular meningitis.....	52
Peritonitis.....	73	Tabes mesenterica.....	7
Pyo salpinx.....	3	Tubercular peritonitis.....	8
Puerperal fever.....	10	Tuberculosis of hip joint.....	2
Puerperal mania.....	1	Tuberculosis of pelvis.....	1
Puerperal peritonitis.....	1	Tetanus.....	7
Rachitis.....	1	Tumors.....	12
Rheumatism.....	9	Tetanus neonatorum.....	1
Rupture of iliac vein.....	1	Tumor, ovarian.....	3
Septicæmia.....	66	Uræmia.....	36
Scarlatina.....	6	Urethral fever.....	1
Syphilis, congenital.....	17	Uterine hæmorrhage.....	1

TABLE No. I.

MONTHLY DISTRIBUTION OF MORTALITY IN SAN FRANCISCO FOR  
TWENTY-FIVE YEARS.

FISCAL YEARS.	Caucasian & African.	Mongolian.....	Total.....	July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
1871-72.....	2640	359	2998	230	247	248	360	238	245	226	243	256	255	263	247
1872-73.....	3236	405	3641	297	384	290	130	329	294	301	296	323	328	361	368
1873-74.....	3548	465	4013	331	294	308	330	338	425	391	300	363	289	292	343
1874-75.....	3710	453	4163	366	337	321	379	320	333	349	310	369	373	347	359
1875-76.....	4182	609	4791	371	378	324	408	438	410	405	387	364	347	308	561
1876-77.....	5555	615	6170	507	477	548	526	542	607	641	496	511	464	444	407
1877-78.....	4450	527	4977	417	394	434	433	401	463	457	397	411	425	377	368
1878-79.....	3970	533	4493	375	344	384	395	399	438	463	370	325	339	370	321
1879-80.....	3373	467	4340	335	313	377	405	341	352	393	363	422	405	316	318
1880-81.....	3808	479	4287	343	373	346	350	380	340	370	314	351	319	349	352
1881-82.....	4481	527	5008	312	317	324	354	392	424	518	509	584	401	465	408
1882-83.....	4430	558	4988	419	420	414	400	419	462	440	399	449	385	398	385
1883-84.....	4498	502	5000	470	366	435	391	392	419	432	443	414	395	457	386
1884-85.....	4818	470	5288	452	369	364	390	379	440	438	468	502	468	512	516
1885-86.....	4860	462	5322	458	445	415	432	421	521	519	382	479	418	435	397
1886-87.....	4871	488	5359	437	408	394	425	452	491	522	451	445	450	475	409
1887-88.....	5507	529	6036	459	409	427	486	574	582	650	517	488	501	504	479
1888-89.....	5170	559	5729	519	478	425	460	502	473	517	484	479	478	456	398
1889-90.....	5770	608	6378	443	408	453	507	479	482	798	551	600	562	551	544
1890-91.....	6138	512	6650	600	549	460	540	545	580	612	574	603	564	530	495
1891-92.....	6490	421	6911	580	550	465	554	548	800	700	593	579	486	530	526
1892-93.....	5647	414	6061	580	450	468	452	540	565	567	478	529	466	514	452
1893-94.....	5643	417	6060	489	440	468	488	525	503	607	498	565	546	490	441
1894-95.....	5672	387	6059	489	527	494	518	522	522	547	493	609	469	426	443
1895-96.....	5521	445	5966	539	438	460	480	496	514	493	483	528	497	538	500

TABLE No. II.

MORTALITY IN SAN FRANCISCO FOR TWENTY-FIVE YEARS, ARRANGED  
ACCORDING TO CLASSES.

FISCAL YEARS.	CAUSES OF DEATH.						Total.
	Zymotic Diseases.	Constitu- tional Diseases.	Local Diseases.	Develop- mental Diseases.	Violent Deaths	Unascer- tained Causes.	
1871-72 .....	521	627	1,224	330	137	159	2,998
1872-73 .....	652	672	1,410	412	151	344	3,641
1873-74 .....	922	728	1,428	429	187	319	4,013
1874-75 .....	785	743	1,503	537	222	373	4,163
1875-76 .....	930	856	856	1,691	570	492	4,791
1876-77 .....	2,148	814	1,846	593	276	493	6,170
1877-78 .....	1,027	876	1,811	544	273	446	4,977
1878-79 .....	743	875	1,729	546	215	385	4,493
1879-80 .....	555	884	1,797	563	267	274	4,340
1880-81 .....	645	845	1,884	521	191	201	4,287
1881-82 .....	718	957	2,410	560	238	125	5,008
1882-83 .....	644	1,111	2,375	513	263	82	4,988
1883-84 .....	670	1,155	2,381	528	245	21	5,000
1884-85 .....	927	952	2,440	582	276	111	5,288
1885-86 .....	775	1,017	2,364	554	280	332	5,322
1886-87 .....	810	1,056	2,143	574	272	504	5,339
1887-88 .....	883	1,258	2,917	504	296	173	6,036
1888-89 .....	637	1,342	2,748	609	312	81	5,729
1889-90 .....	752	1,315	3,346	633	314	18	6,378
1890-91... ..	1,102	1,231	3,241	728	337	11	6,650
1891-92.....	1,002	1,293	3,483	789	338	1	6,911
1892-93 .....	762	1,172	3,083	677	367	.....	6,061
1893-94 .....	564	1,294	3,220	606	376	.....	6,060
1894-95 .....	539	1,477	3,129	574	339	1	6,059
1895-96 .....	472	1,460	3,068	581	383	2	5,966

TABLE No. III.

ESTIMATED POPULATION, DEATHS AND DEATH RATE OF SAN FRANCISCO  
FOR TWENTY-FIVE YEARS.

FISCAL YEARS.	ESTIMATED POPULATION.	DEATHS.	PER CENT PER 1,000.
1871-72.....	*178,276	2,998	16.81
1872-73.....	*188,323	2,641	19.33
1873-74.....	*200,770	4,013	19.98
1874-75.....	*230,132	4,163	18.09
1875-76.....	*272,345	4,791	17.59
1876-77.....	*300,000	6,170	20.54
1877-78.....	*300,000	4,977	16.59
1878-79.....	*305,000	4,492	14.75
1879-80.....	†234,520	4,340	18.50
1880-81.....	†234,520	4,287	18.27
1881-82.....	†234,520	5,008	21.34
1882-83.....	†250,000	4,988	19.92
1883-84.....	†270,000	5,000	18.47
1884-85.....	†270,000	5,288	19.58
1885-86.....	†280,000	5,322	19.00
1886-87.....	†300,000	5,359	17.86
1887-88.....	†330,000	6,036	18.27
1888-89.....	†330,000	5,729	17.36
1889-90.....	†300,000	6,378	21.26
1890-91.....	†330,000	6,650	20.15
1891-92.....	330,000	6,911	20.94
1892-93.....	330,000	6,061	18.36
1893-94.....	330,000	6,060	18.36
1894-95.....	330,000	6,059	18.36
1895-96.....	330,000	5,966	18.07

\*According to Langley's City Directory.

†U. S. Census, July 1, 1890; White population, 312,000; Chinese population, 18,000.

†Estimated.

Estimated.

## HEALTH OFFICER'S REPORT.

**TABLE**

REPORT OF DEATHS REGISTERED IN SAN FRANCISCO, CAL.,

Number of Deaths Corresponding

CAUSES OF DEATH.	Total.	AGES.														Unascertained.
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	
All causes .....	5966	997	158	156	94	59	141	624	746	756	806	818	452	133	18	8
Specified causes .....	5964	997	158	156	94	59	141	624	746	755	806	818	452	133	18	7
Unascertained causes .....	2									1						1
<b>CLASSES.</b>																
I. Zymotic diseases.....	472	114	27	35	23	11	19	58	53	46	34	32	18	2		
II. Constitutional diseases.....	1460	44	23	27	12	15	58	279	311	249	242	150	45	5		
III. Local diseases.....	3068	500	95	86	45	30	50	202	293	373	463	559	296	64	6	1
IV. Developmental diseases.....	581	334	7	1	1	1	2	21	11	4	6	41	82	59	11	
V. Violent deaths .....	333	5	6	7	13	2	12	64	73	83	61	36	11	3	1	6
VI. Unascertained causes.....	2									1						1
<b>I.</b>																
1. Miasmatic.....	400	107	27	33	23	11	17	47	40	33	21	25	15	1		
2. Enthetic.....	13							2	1	4	3	3				
3. Dietic.....	59	7		2			2	9	12	9	10	4	3	1		
<b>II.</b>																
1. Diathetic.....	373	20	7	4	1	1	3	6	31	72	116	76	31	5		
2. Tubercular.....	1087	24	16	23	11	14	55	273	280	177	126	74	14			
<b>III.</b>																
1. Nervous system.....	643	131	45	38	11	6	9	24	42	47	89	103	79	18	1	
2. Circulatory system.....	708	13		1	4	8	15	44	63	129	148	182	87	14		
3. Respiratory system.....	777	179	38	29	12	5	7	52	77	77	93	116	71	16	4	1



## MORTUARY STATISTICS.

15

## No. IV.

DURING THE FISCAL YEAR ENDING JUNE 30, 1896.

Year Ending June 30, 1895—6,059.

SEX.		RACE.		WARDS.												Public Institutions..	Casualties.....	Suicides.....	Homicides.....	NATIVITIES.				
Male.....	Female.....	Caucasian....	Mongolian....	African.....	1st Ward.....	2d Ward.....	3d Ward.....	4th Ward.....	5th Ward.....	6th Ward.....	7th Ward.....	8th Ward.....	9th Ward.....	10th Ward.....	11th Ward.....					12th Ward.....	Foreign Countries...	Atlantic States.....	Pacific Coast.....	Unascertained
3601	2365	5453	445	68	149	322	12	441	25	174	96	262	200	400	1251	742	1509	208	148	27	2858	1022	2018	68
3599	2365	5451	445	68	149	322	12	440	25	174	95	262	200	400	1251	742	1509	208	148	27	2858	1022	2018	66
2	....	2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2
265	207	439	27	6	15	25	...	33	1	11	9	15	18	47	138	68	92	....	....	....	146	62	260	4
921	539	1236	200	24	33	85	2	177	2	63	19	45	50	104	265	147	470	....	....	....	813	271	372	4
1830	1238	2843	195	30	91	184	10	208	20	93	56	180	107	204	714	441	760	....	....	....	1523	560	967	18
281	300	563	12	6	10	30	...	22	2	7	11	22	25	45	134	86	187	....	....	....	173	52	355	1
302	81	370	11	2	....	....	....	....	....	....	....	....	....	....	....	....	208	148	27	203	77	64	39	
2	....	2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2
229	171	377	19	4	11	21	...	24	1	8	9	13	16	39	126	62	70	....	....	....	114	49	235	2
10	3	7	6	....	....	....	....	4	....	2	....	....	....	....	....	1	6	....	....	....	10	2	1	..
26	33	55	2	2	4	4	...	5	...	1	...	2	2	8	12	5	16	....	....	....	22	11	24	2
202	171	325	43	5	9	15	..	40	1	9	4	17	7	24	66	44	137	....	....	....	234	91	47	1
719	368	911	157	19	24	68	2	137	1	54	15	28	43	80	199	103	333	....	....	....	579	180	325	3
373	270	620	17	6	22	53	1	27	7	19	13	26	18	46	179	117	115	....	....	....	257	119	262	5
452	256	637	62	9	26	32	4	58	3	29	17	52	22	46	161	105	150	....	....	....	460	147	92	9
462	315	723	49	5	23	55	3	59	5	16	11	51	36	50	168	104	196	....	....	....	357	119	298	3

## HEALTH OFFICER'S REPORT.

TABLE No. IV.

CAUSES OF DEATH.	Total.....	AGES.															Unascertained
		Under 1.....	1 to 2.....	2 to 5.....	5 to 10.....	10 to 15.....	15 to 20.....	20 to 30.....	30 to 40.....	40 to 50.....	50 to 60.....	60 to 70.....	70 to 80.....	80 to 90.....	90 to 100.....	Over 100.....	
4. Digestive system.....	560	158	11	14	13	8	10	45	58	61	75	69	25	2	1	..	
5. Urinary system .....	300	3	..	3	3	3	4	27	41	46	45	80	32	13	..	..	
6. Generative system .....	2	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	
7. Locomotory system .....	10	2	..	..	..	..	..	..	..	1	3	3	1	..	..	..	
8. Not localized .....	68	4	1	1	2	..	5	10	17	12	9	6	1	..	..	..	
IV.																	
1. Diseases of children.....	71	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2. Diseases of women.....	32	..	..	..	..	..	2	17	9	3	1	..	..	..	..	..	
3. Diseases of old age.....	196	..	..	..	..	..	..	..	..	1	4	40	81	59	11	..	
4. Diseases of nutrition.....	282	263	7	1	1	1	..	4	2	..	1	1	1	..	..	..	
V.																	
1. Violent Deaths.....	383	5	6	7	13	2	12	64	73	83	61	36	11	3	1	6	
VI.																	
Unascertained causes.....	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	

## 17

SEX.		RACE.		WARDS.												Public Institutions...	Casualties.....	Suicides.....	Homicides.....	NATIVITIES.				
Male.....	Female.....	Caucasian....	Mongolian....	African.....	1st Ward.....	2d Ward.....	3d Ward.....	4th Ward.....	5th Ward.....	6th Ward.....	7th Ward.....	8th Ward.....	9th Ward.....	10th Ward....	11th Ward....					12th Ward....	Foreign Countries...	Atlantic States.....	Pacific Coast.....	Uncertained...
11	249	520	37	3	15	31	1	35	2	15	9	24	14	38	134	63	179	....	....	..	225	77	257	1
03	97	265	28	7	4	12	...	26	3	13	5	23	16	19	60	43	76	....	....	..	190	74	36	...
2	....	2	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	..	2	....	....	....
4	6	10	....	....	1	1	....	....	....	....	....	....	....	1	3	....	4	....	....	..	6	2	2	....
23	45	66	2	....	....	....	1	2	....	1	1	4	1	3	6	9	40	....	....	..	26	22	20	....
44	27	71	....	....	....	4	....	3	....	....	1	5	4	10	25	16	3	....	....	..	....	....	71	....
..	32	32	....	....	1	2	....	....	....	1	....	2	....	3	9	8	6	....	....	..	14	5	13	....
91	105	189	6	1	3	12	....	8	....	4	2	8	10	7	26	32	84	....	....	..	151	44	....	1
46	136	271	6	5	6	12	..	11	2	2	8	7	11	25	74	30	94	....	....	..	8	3	271	....
02	81	370	11	2	....	....	....	....	....	....	....	....	....	....	....	....	....	208	148	27	203	77	64	39
2	....	2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	..	....	....	....	2

TABLE No. 1

CAUSES OF DEATH.	Total.....	AGES.														
		Under 1.....	1 to 2.....	2 to 5.....	5 to 10.....	10 to 15.....	15 to 20.....	20 to 30.....	30 to 40.....	40 to 50.....	50 to 60.....	60 to 70.....	70 to 80.....	80 to 90.....	90 to 100.....	Over 100.....
CLASS I—ZYMOTIC DISEASES.																
Order 1—Miasmatic.																
Cholera infantum.....	71	61	8	2												
Croup.....	26	7	1	11	6					1						
Cerebro-spinal meningitis.....	20	8	5	3	1				2						1	
Diphtheria.....	19		1	9	5	2	1				1					
Dysentery.....	18	1	1						4	5	3	3	1			
Diarrhœa.....	12	6	1						1		2	1	1			
Entero-Colitis.....	13	7	2		1						1	2				
Erysipelas.....	17	4						2	1	3	2	5				
Fever, typhoid.....	101		1	3	8	5	14	31	15	13	2	6	3			
Fever, malarial.....	8			1				3	2		1	1				
Influenza.....	8	1								1	2		4			
Pertussis.....	15	8	5	1	1											
Septicæmia.....	66	4				4	2	11	15	10	7	7	6			
Scarlatina.....	6		2	3	1											
Order 2—Enthetic.																
Syphilis.....	13							2	1	4	3	3				
Order 3—Dietic.																
Alcoholism.....	24			1				2	8	5	5	1	2			
Anæmia.....	28	6		1			2	4	2	4	4	3	1	1		
Morphinism.....	4							2	2							
Purpura hæmorrhagica.....	3	1						1			1					

## MORTUARY STATISTICS.

19

CONTINUED.

EX.	RACE.			WARDS.												Public Institutions..	Casualties.....	Suicides.....	Homicides.....	NATIVITIES.				
	Caucasian ....	Mongolian...	African.....	1st Ward.....	2d Ward.....	3d Ward.....	4th Ward.....	5th Ward.....	6th Ward.....	7th Ward.....	8th Ward.....	9th Ward.....	10th Ward.....	11th Ward.....	12th Ward ...					Foreign Countries..	Atlantic States....	Pacific Coast.....	Unascertained	
34	71	.....	2	4	...	3	...	1	3	1	7	11	34	4	1	.....	.....	.....	71	.....				
13	25	1	.....	2	...	2	.....	2	.....	2	.....	2	11	3	.....	.....	2	.....	24	.....				
8	18	2	.....	1	1	...	1	...	2	...	2	1	2	5	5	.....	3	.....	17	.....				
9	19	.....	.....	1	...	.....	.....	1	...	1	1	2	6	6	1	.....	1	1	17	.....				
4	11	7	.....	1	...	6	...	1	...	...	1	2	1	3	3	.....	13	3	2	.....				
6	12	.....	.....	1	...	.....	.....	...	...	1	...	3	4	...	3	.....	2	2	8	.....				
6	12	.....	1	...	1	...	1	...	...	...	...	2	4	4	1	.....	1	2	10	.....				
10	16	.....	1	1	2	...	1	...	1	...	1	...	1	4	3	4	.....	7	3	7	...			
33	96	5	...	7	7	...	7	...	2	3	2	1	8	23	14	27	.....	46	15	38	2			
5	7	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	2	.....	.....	3	3	2	.....				
5	8	.....	.....	.....	.....	.....	.....	.....	.....	...	1	1	3	1	2	.....	5	1	2	.....				
8	15	.....	...	1	...	.....	.....	.....	.....	...	1	1	6	6	.....	.....	.....	.....	15	.....				
29	61	4	1	.....	...	3	...	1	1	5	1	4	16	10	25	.....	31	19	16	.....				
1	6	.....	.....	.....	1	...	...	...	...	...	2	...	3	.....	.....	.....	.....	.....	6	...				
3	7	6	.....	.....	...	4	...	2	.....	.....	.....	.....	...	1	6	.....	10	2	1	.....				
9	24	.....	...	2	1	...	1	...	...	...	1	3	6	...	10	.....	12	2	8	2				
20	26	2	...	2	3	...	3	...	1	1	1	5	4	5	3	.....	8	6	14	.....				
3	4	.....	.....	.....	.....	.....	.....	...	...	1	...	...	2	.....	1	.....	2	1	1	.....				
1	1	.....	2	.....	...	1	...	...	...	...	...	...	...	...	2	.....	2	1	...	.....				

TABLE No. 1

CAUSES OF DEATH.	Total.....	AGES.														
		Under 1.....	1 to 2.....	2 to 5.....	5 to 10.....	10 to 15.....	15 to 20.....	20 to 30.....	30 to 40.....	40 to 50.....	50 to 60.....	60 to 70.....	70 to 80.....	80 to 90.....	90 to 100.....	Over 100.....
CLASS II—CONSTITUTIONAL DISEASES.																
Order 1—Diathetic.																
Cancer.....	322	1	4	1	2	5	27	67	109	72	29	5				
Goitre.....	3							1	2							
Gout.....	2									2						
Hæmaphilia.....	1	1														
Hydrocephalus.....	9	2	5	1				1								
Leucoeythæmia.....	6							1	3	2						
Leprosy.....	2									1		1				
Painter's colic.....	1							1								
Rachitis.....	1	1														
Rheumatism.....	9				1	1	1	1	2	2	1					
Syphilis, congenital.....	17	17														
Order 2—Tubercular.																
Cerebral tuberculosis.....	1								1							
Intestinal tuberculosis.....	10	1	1	1	1	2	4	1								
Lupus of face.....	1										1					
Phthisis pulmonalis.....	1003	3	7	2	7	12	55	262	273	173	123	73	13			
Spinal tuberculosis.....	2		1					1								
Tubercular meningitis.....	52	15	7	16	4			7	3							
Tabes mesenterica.....	7	4	1	1						1						
Tubercular peritonitis.....	8	1	1	2					2	2						
Tuberculosis of hip-joint.....	2				1		1									
Tuberculosis of pelvis.....	1											1				

## MORTUARY STATISTICS.

21

—CONTINUED.

SEX.	RACE.		WARDS.														Public Institutions.	Casualties.	Suicides.	Homicides.	NATIVITIES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.	10th Ward.	11th Ward.	12th Ward.	Foreign Countries.	Atlantic States.					Pacific Coast.	Unascertained.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Male.	Female.	Caucasian.	Mongolian.	African.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

TABLE No. IV

CAUSES OF DEATH.	Total.	AGES.															Unascertained.
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	
CLASS III—LOCAL DISEASES.																	
Order 1—Nervous System.																	
Apoplexy...	204	1				1		5	13	24	46	62	43	8	1		
Acute mania.....	1								1								
Brain, inflammation.	21	7	3	4			1	1	4		1						
Brain, congestion.....	28	7	5	1	2			1	2	2	1	3	2	2			
Brain, softening.....	48							1	2	6	10	14	12	3			
Brain, fever.....	1													1			
Convulsions, infantile.....	10.	69	16	14	1												
Convulsions.....	1								1								
Chorea.....	2						1			1							
Encephalitis, etc.....	124	45	20	18	5	3	3	8	8	5	3	1	5				
Epilepsy.....	15				1		1	5	4	2	1		1				
Locomotor ataxia.....	16								1	1	2	5	1				
Myelitis.....	8			1				1	1		4	1					
Neuritis.....	1								1								
Paralysis.....	72	1	1			1	2	1	3	6	21	17	15	4			
Tetanus.....	7	1			2	1	1	1	1								
Order 2—Circulatory System.																	
Heart diseases.....	707	13		1	4	8	15	44	63	129	147	182	87	14			
Rupture of iliac vein.....	1																
Order 3—Respiratory System.																	
Asthma.....	16	1								1	4	4	1	5			



## MORTUARY STATISTICS.

23

—CONTINUED.

SEX.		RACE.		WARDS.												Public Institutions.	Casualties.	Suicides.	Homicides.	NATIVITIES.			
Male.	Female.	Caucasian.	Mongolian.	African.	1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.	10th Ward.	11th Ward.	12th Ward.				Foreign Countries.	Atlantic States.	Pacific Coast.	Unascertained.
116	88	195	6	3	8	9	...	7	5	9	3	13	3	14	54	48	31	..	..	135	55	12	2
...	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..
13	8	19	1	1	..	..	..	..	1	1	1	1	..	2	5	2	8	..	..	4	1	16	...
12	16	28	..	..	1	4	..	1	..	..	..	1	..	3	12	4	2	..	..	6	4	17	1
41	7	48	..	..	1	2	..	2	..	..	..	..	2	2	5	7	27	..	..	30	17	..	1
...	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
50	50	98	2	..	4	16	..	3	..	3	2	1	7	6	40	12	6	..	..	1	1	98	..
...	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..
2	..	2	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..
72	52	121	2	1	6	14	..	2	1	4	3	3	5	14	39	19	14	..	..	16	7	100	1
12	3	13	2	..	3	..	..	2	..	..	1	..	1	..	2	2	4	..	..	9	3	3	..
10	..	10	..	..	1	..	..	1	..	..	..	1	..	..	..	5	2	..	..	7	3	..	..
4	4	6	2	..	..	..	..	2	..	1	..	1	..	..	2	1	1	..	..	6	1	1	..
...	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..
35	37	69	2	1	2	4	..	6	..	1	3	5	..	2	18	15	16	..	..	40	25	7	..
6	1	7	..	..	..	..	..	..	..	..	..	..	..	2	2	1	2	..	..	..	..	7	..
451	256	636	62	9	26	32	4	58	3	29	17	52	22	46	164	105	140	..	..	459	147	92	9
1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..
12	4	16	..	..	1	..	..	..	..	..	..	3	2	..	2	3	5	..	..	11	4	1	..

TABLE No. IV

CAUSES OF DEATH.	Total.	AGES.															Unascertain- ed.
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	
Class III, Order 3—Continued.																	
Bronchitis.....	178	64	11	9	3	1	...	1	7	11	17	17	29	5	3	...	
Catarrh.....	4	1	1	...	...	...	...	...	1	...	...	...	1	...	...	...	
Emphyæmia.....	6	...	...	...	...	1	1	1	1	2	...	...	...	...	...	...	
Emphyseæmia.....	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	
Gangrene pulmonum.....	9	...	...	...	...	...	...	...	2	1	3	2	1	...	...	...	
Hæmeoptysis.....	39	...	...	...	...	...	...	7	7	9	7	6	3	...	...	...	
Lungs, congestion of.....	43	15	...	...	1	...	...	2	3	7	3	8	2	1	...	1	
Lungs, œdema.....	8	...	...	...	...	...	...	...	2	1	...	2	3	...	...	...	
Laryngitis.....	3	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	
Pneumonia.....	467	97	25	19	8	4	6	41	53	44	56	77	31	5	1	...	
Pyothorax.....	3	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	
Order 4—Digestive System.																	
Appendicitis.....	17	...	...	2	1	4	1	3	3	2	1	...	...	...	...	...	
Bowels, ulceration of.....	6	...	...	...	...	...	1	...	1	...	3	1	...	...	...	...	
Bowels, inflammation of.....	10	4	1	...	...	...	...	...	1	...	1	2	1	...	...	...	
Enteritis...	134	109	4	5	1	1	...	2	3	3	1	3	2	...	...	...	
Gastritis.....	59	11	1	1	2	...	1	3	4	2	8	11	5	1	...	...	
Gastro-enteritis.....	51	24	5	4	6	...	1	1	1	2	3	3	1	...	...	...	
Gastric hæmorrhage.....	2	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	
Gastro-intestinal catarrh.....	12	7	...	...	...	...	...	...	...	...	1	1	1	...	...	...	
Hernia.....	13	1	...	...	...	...	...	...	2	1	3	5	1	...	...	...	
Hæmatemesis.....	4	...	...	...	...	...	1	1	1	...	1	...	...	...	...	...	
Hepatitis.....	155	3	...	1	...	...	1	10	21	33	44	32	9	...	1	...	

## MORTUARY STATISTICS.

25

—CONTINUED.

SEX.	RACE		WARDS.												Public Institutions.	Casualties.	Suicides.	Homicides.	NATIVITIES.					
																			Foreign Countries.	Atlantic States.	Pacific Coast.	Unascertained		
Male.	Female.	Caucasian.	Mongolian.	African.	1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.	10th Ward.	11th Ward.	12th Ward.								
91	87	155	23	...	5	21	...	23	1	6	...	6	11	6	31	30	35	...	77	12	89	...		
3	1	4	...	...	...	2	...	...	...	...	...	...	...	...	2	...	...	...	1	1	2	...		
3	3	6	...	...	...	...	...	...	...	...	...	1	1	...	1	...	3	...	3	2	2	...		
1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...		
8	1	9	...	...	...	4	...	...	...	...	...	...	...	...	1	1	3	...	4	4	1	...		
31	8	26	12	1	4	...	1	11	1	2	...	5	1	3	2	7	2	...	28	5	4	2		
28	15	42	1	...	...	1	...	3	...	1	...	3	1	6	10	5	13	...	19	6	18	...		
5	3	7	1	...	...	...	...	1	...	...	...	1	...	1	1	1	3	...	4	4	...	...		
...	3	3	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	3	...		
277	190	451	12	4	14	25	2	21	3	7	11	32	17	33	117	55	130	...	208	80	178	1		
3	...	3	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	2	1	...	...		
13	4	17	...	...	...	...	...	...	...	...	...	1	1	...	3	7	5	...	5	3	9	...		
3	3	6	...	...	...	...	...	1	...	...	...	...	...	...	3	2	...	...	2	2	2	...		
7	3	10	...	...	1	...	...	...	...	...	...	...	...	...	6	...	3	...	3	2	5	...		
70	64	134	...	...	1	5	...	...	...	...	...	3	1	9	16	5	94	...	13	4	117	...		
21	29	50	...	...	1	3	1	1	...	2	1	...	5	19	9	8	...	...	24	9	17	...		
27	24	42	9	...	...	4	...	9	...	2	2	1	...	2	21	8	2	...	7	5	39	...		
1	1	1	...	1	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	...		
8	4	11	1	...	2	...	...	1	...	...	1	2	...	1	4	1	...	...	3	1	8	...		
7	6	12	1	...	...	1	...	...	...	1	...	...	2	1	5	...	3	...	10	1	2	...		
3	1	4	...	...	...	...	...	1	...	...	...	...	...	...	1	2	...	...	2	1	1	...		
08	52	128	25	2	6	11	...	19	2	12	2	6	6	12	28	17	34	...	108	22	24	1		

TABLE No. IV

[illegible]

## MORTUARY STATISTICS.

27

—CONTINUED.

SEX.		RACE.		WARDS.												Public Institutions.	Casualties.	Suicides.	Homicides.	NATIVITIES.			
Male.	Female	Caucasian.	Mongolian	African	1st Ward.	2d Ward.	3d Ward.	4th Ward.	5th Ward.	6th Ward.	7th Ward.	8th Ward.	9th Ward.	10th Ward.	11th Ward.	12th Ward.				Foreign Countries.	Atlantic States.	Pacific Coast.	Unascertained
19	10	28	1		1	2				1	3	1	6	9	3	3				10	9	10	
	2	2														2				1		1	
27	46	73			4	6	1			1	6	3	1	19	9	23				36	15	22	
2		2														2				1	1		
12	3	15			2					1	1	1		1	1	8				13	2		
16	1	27	2				1		3		3				8	9	5			21	6	2	
1		1															1			1			
1		1												1							1		
1		1												1								1	
145	71	185	24	7	3	10	24	3	8	4	14	15	13	46	25	51				132	53	31	
1		1														1				1			
26	10	34	2		1		1		2		5		4	5	8	10				22	12	2	
1		1												1						1			
1		1					1													1			
1		1															1			1			
2	4	6			1	1								1	1		2			4	2		
1		1															1			1			
	2	2													2							2	

## HEALTH OFFICER'S REPORT.

TABLE No. IV

CAUSES OF DEATH.	Total.	AGES.															Unascertained.
		Under 1.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.	Over 100.	
CLASS III—Continued.																	
Order 8—Not Localized.																	
Abscesses.....	19	1	1	1	1	...	3	5	4	2	1	...	...	...	...	...	...
Gangrene.....	9	3	...	...	1	...	...	...	...	1	3	1	...	...	...	...	...
Shock.....	28	...	...	...	...	...	1	4	9	7	3	3	1	...	...	...	...
Tumors.....	12	...	...	...	...	...	1	1	4	2	2	2	...	...	...	...	...
CLASS IV—DEVELOPMENTAL DISEASES.																	
Order 1—Children.																	
Birth, premature.....	69	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dentition.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tetanus neonatorium.....	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Order 2—Women.																	
Abortion.....	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Child-birth.....	12	...	...	...	...	...	1	8	3	...	...	...	...	...	...	...	...
Pyosalpinx.....	3	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...
Puerperal fever.....	10	...	...	...	...	...	1	7	2	...	...	...	...	...	...	...	...
Puerperal mania.....	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Puerperal peritonitis.....	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Tumor, ovarian.....	3	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...
Uterine hæmorrhage.....	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
Order 3—Old Age.																	
Old age.....	189	...	...	...	...	...	...	...	...	1	4	37	77	59	11	...	...
Senile gangrene.....	7	...	...	...	...	...	...	...	...	...	...	3	4	...	...	...	...

## MORTUARY STATISTICS.

29

—CONTINUED.

SEX.	RACE.		WARDS.												Public Institutions.	Casualties.	Suicides.	Homicides.	NATIVITIES.			
																			Unascertained	Pacific Coast	Atlantic States	Foreign Countries
Male.	Female	Caucasian.	Mongolian	African	1st Ward	2d Ward	3d Ward	4th Ward	5th Ward	6th Ward	7th Ward	8th Ward	9th Ward	10th Ward	11th Ward	12th Ward						
6	13	19										1		1	4	5	8		4	7	8	
51	4	8	1				1									1	7		3	2	4	
7	21	27	1			1	1			1	2				1	2	20		13	10	5	
5	7	12								1		1	1	2	1	1	5		6	3	3	
43	26	69			4		3				1	5	4	10	24	15	3				69	
	1	1														1					1	
1		1													1						1	
	1	1												1					1			
	12	12									2				3	6	1		6	1	5	
	3	3			1												2			1	2	
	10	10			1	1								2	2	2	2		4	2	4	
	1	1													1				1			
	1	1													1				1			
	3	3													2		1			1	2	
	1	1								1									1			
87	102	183	5	1	3	12		7		4	2	8	10	7	26	31	79		145	43		1
4	3	6	1					1								1	5		6	1		

TABLE No. IV

CAUSES OF DEATH.	Total	AGES.															
		Under 1	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Over 100	Unascertained
CLASS III—Concluded.																	
Order 4—Nutrition.																	
Atrophy, inanition, etc.....	282	263	7	1	1	1	...	4	2	...	1	1	1	...	...	...	...
CLASS V—VIOLENT DEATHS.																	
In which totals are included the following:	383	5	6	7	13	2	12	64	73	83	61	36	11	3	1	...	6
Order 1—Casualties .....	208	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Order 2—Homicides.....	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Order 3—Suicides*.....	148	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS VI—UNASCERTAINED.																	
Unascertained causes.....	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1

\*As rendered by Coroner's inquests.





## APPENDIX No. 1 TO TABLE No. IV.

SHOWING DEATHS OF WHITES AND BLACKS BY MONTHS AND CLASSES.

CAUSES OF DEATH.	1895.						1896.					
	July.....	August....	September.	October....	November.	December..	January...	February..	March.....	April.....	May.....	June.....
All causes.....	507	394	421	448	453	472	458	451	405	462	503	455
Unascertained causes.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
CLASSES.												
I. Zymotic diseases.....	63	39	34	33	34	32	34	32	33	29	41	42
II. Constitutional diseases.....	128	78	79	89	114	98	118	135	11	98	112	90
III. Local diseases.....	225	201	223	247	227	265	248	222	263	258	263	233
IV. Developmental diseases.....	60	38	57	51	50	46	36	40	43	47	54	47
V. Violent deaths.....	31	38	28	28	28	31	22	22	38	30	33	43
VI. Unascertained causes.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	507	396	421	448	453	472	458	451	495	462	503	455

## APPENDIX No. 2 TO TABLE No. IV.

SHOWING DEATHS OF CHINESE BY MONTHS AND CLASSES.

CAUSES OF DEATH.	1895.						1896.					
	July.....	August....	September.	October...	November.	December.	January...	February.	March.....	April.....	May.....	June.....
All causes.....	32	42	39	32	43	42	35	32	33	35	35	45
CLASSES.												
I. Zymotic diseases .....	1	2	6	2	3	2	2	2	1	.....	.....	6
II. Constitutional diseases.....	22	19	18	18	14	14	18	14	17	19	15	12
III. Local diseases.....	7	19	14	11	26	22	14	14	14	14	8	22
IV. Developmental diseases.....	2	1	1	.....	.....	3	.....	2	.....	.....	1	2
V. Violent deaths.....	.....	1	...	1	.....	1	1	.....	1	2	1	3
VI. Unascertained causes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	32	42	39	32	43	42	35	32	33	35	35	45

## APPENDIX No. 3 TO TABLE No. IV.

COMPARATIVE TABLE SHOWING DEATHS FROM DIPHTHERIA, SCARLATINA AND TYPHOID FEVER FOR FIVE YEARS.

DISEASES.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.
Diphtheria.....	229	153	33	21	19
Scarlatina.....	45	111	14	2	6
Typhoid fever.....	116	106	114	124	101

## HEALTH OFFICER'S REPORT.

## APPENDIX 4

## COMPARATIVE STATEMENT OF DEATHS FROM PREVENTABLE

DISEASES.	1886-87.						1887-88.						1888-89.						1889-90.					
	Under 1.	1 to 2.	2 to 5.	5 to 10.	Over 10.	Total.	Under 1.	1 to 2.	2 to 5.	5 to 10.	Over 10.	Total.	Under 1.	1 to 2.	2 to 5.	5 to 10.	Over 10.	Total.	Under 1.	1 to 2.	2 to 5.	5 to 10.	Over 10.	Total.
Diphtheria...	6	19	104	84	34	247	5	25	59	45	17	151	6	9	32	32	26	105	3	11	45	28	18	
Measles.....	..	1	1	1	..	3	17	13	7	3	..	40	1	2	1	..	..	4	15	8	6	1	1	
Pertussis.....	16	1	1	..	..	18	9	5	2	1	..	17	24	8	3	..	1	36	10	5	4	..	3	
Scarlatina..	..	..	4	4	1	9	3	2	6	16	1	28	..	3	4	5	..	12	1	2	10	5	2	
Smallpox.....	..	..	1	..	1	2	3	1	3	3	57	67	..	..	1	1	9	11	..	..	..	..	..	
Typhoid fever.....	1	6	13	26	146		..	3	18	13	119	153	2	..	4	9	123	138	1	..	5	12	132	

BLE No. IV.

### EASES FOR THE PAST TEN YEARS.

1890-91.					1891-92.					1892-93.					1893-94.					1894-95.					1895-96.									
Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.	Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.	Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.	Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.	Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.	Total.	Over 10.	5 to 10.	2 to 5.	1 to 2.					
0	127	111	37	314	5	14	103	75	32	229	5	25	55	54	14	153	2	8	17	8	3	38	..	1	7	9	4	21	..	1	9	5	4	19
1	..	..	..	2	14	11	7	3	..	35	1	..	..	..	1	2	..	1	..	..	..	1	1	3	2	1	..	7	..	..	..	..	..	
5	1	..	..	18	16	4	2	..	..	22	9	3	2	..	..	14	20	11	5	1	1	38	6	3	1	..	..	10	8	5	1	1	..	15
1	2	6	1	10	2	4	17	14	8	45	4	12	47	39	9	111	2	2	5	2	3	14	1	..	1	..	..	2	..	2	1	3	..	6
..	..	..	2	4	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	8	13	117	139	..	2	4	3	107	116	5	1	5	4	91	106	3	2	..	11	98	114	..	1	8	6	109	124	..	1	3	8	89	101

## APPENDIX No. 5 TO TABLE IV.

COMPARATIVE STATEMENT SHOWING ALL CAUSES, DEATHS OF CHILDREN UNDER TEN, AND RATE PER ONE THOUSAND PER YEAR FOR THE PAST SEVEN YEARS.

	1889-90.	1890-91.	1891-92	1892-93.	1893-94.	1894-95.	1895-96.
All Causes.....	6,378	6,650	6,911	6,061	6,060	6,059	5,966
Death Rate per 1,000 per year.	19.32	20.15	20.94	18.36	18.76	18.36	18.08
Under 1 year.....	1,206	1,263	1,278	1,077	1,118	1,121	997
From 1 to 2 years.....	258	269	282	212	195	193	153
From 2 to 5 years.....	266	334	367	297	199	168	156
From 5 to 10 years.....	157	260	206	199	113	97	94

## APPENDIX No. 6 TO TABLE No. IV.

## SOCIAL CONDITION OF DECEDENTS.

CONDITION.	Totals.	1895.						1896.					
		July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
Married .....	2,126	159	180	164	163	192	184	192	166	187	175	195	169
Single.....	3,215	325	217	236	271	253	283	241	269	281	260	276	283
Widowers .....	244	19	15	13	22	18	14	26	23	22	27	25	20
Widows .....	370	36	26	27	24	29	32	33	24	37	35	39	25
Unascertained.....	11	.....	.....	.....	.....	4	1	1	1	1	.....	3	.....
	5,966	539	438	460	480	496	514	493	483	528	497	538	500

TABLE No. V.

MORTALITY IN SAN FRANCISCO FOR TWENTY-FIVE YEARS, ARRANGED  
ACCORDING TO CLASSES (MONGOLIAN).

FISCAL YEARS.	CAUSES OF DEATH.						Total .....
	Zy motie Diseases.	Constitu- tional Diseases.	Local Diseases.	Develop- mental Diseases.	Violent Deaths.	Unascer- tained Causes.	
1871-72.....	48	122	46	18	16	109	359
1872-73.....	25	71	17	2	12	278	405
1873-74.....	20	99	19	12	12	303	465
1874-75.....	6	48	11	9	16	363	453
1875-76.....	28	67	13	11	22	468	609
1876-76.....	81	35	7	13	41	438	615
1877-78.....	7	33	20	23	31	407	527
1878-79.....	3	120	16	18	21	346	523
1879-80.....	10	122	54	22	35	224	467
1880-81.....	18	140	33	13	15	260	479
1881-82.....	26	149	207	27	23	95	527
1882-83.....	31	195	227	20	21	64	556
1883-84.....	31	116	201	26	17	11	502
1884-85.....	50	255	221	24	19	101	470
1885-86.....	22	18	156	15	22	229	462
1886-87.....	7	45	47	14	20	355	433
1887-88.....	27	157	206	29	18	92	529
1888-89.....	21	222	267	21	17	11	559
1889-90.....	41	208	320	24	12	2	608
1890-91.....	19	162	293	22	15	1	512
1891-92.....	19	129	240	15	18	....	421
1892-93.....	18	140	212	29	15	....	414
1893-94.....	16	159	205	23	14	...	417
1894-95.....	24	226	115	18	6	....	389
1895-96.....	27	200	195	12	11	....	445

TABLE No. VI.

ESTIMATED POPULATION DEATHS AND DEATH RATE OF SAN FRANCISCO  
FOR TWENTY-FIVE YEARS (MONGOLIAN).

FISCAL YEARS.	ESTIMATED POPULATION.	DEATHS.	PER CENT PER 1,000.
1871-72.....	10,000*	359	35.90
1872-73.....	12,000*	405	33.75
1873-74.....	14,500*	465	32.06
1874-75.....	19,000*	453	23.84
1875-76.....	30,000*	609	20.30
1876-77.....	30,000*	615	20.50
1877-78.....	30,000	527	17.56
1878-79.....	30,000*	523	17.42
1879-80.....	22,000†	467	21.02
1880-81.....	22,000	479	21.77
1881-82.....	22,000†	527	23.09
1882-83.....	22,000*	558	25.36
1883-84.....	22,000*	502	22.81
1884-85.....	22,000*	470	21.36
1885-86.....	22,000*	462	21.05
1886-87.....	22,000*	438	22.18
1887-88.....	30,000*	529	17.63
1888-89.....	30,000*	559	18.63
1889-90.....	30,000*	608	20.06
1890-91.....	18,000*	528	28.50
1891-92.....	18,000	421	23.38
1892-93.....	18,000	414	23.00
1893-94.....	18,000	417	23.10
1894-95.....	18,000	389	21.61
1895-96.....	18,000	445	24.16

\* Estimated.

† U. S. Census returns.



TABLE No. VII.

SEX, RACE AND NATIVITIES OF DECEDENTS.

SEX, RACE AND NATIVITIES.	Total.	1895.						1896.					
		July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
SEX.													
Males .....	3601	327	259	275	303	298	324	309	305	318	280	302	301
Females .....	2367	212	179	185	177	198	190	184	178	210	217	236	199
	5968	539	438	460	480	496	514	493	483	528	497	538	500
RACE.													
White .....	5453	502	393	417	446	450	462	453	440	485	457	496	452
Mongolian .....	445	32	42	39	32	43	42	35	32	33	35	35	45
African .....	68	5	3	4	2	3	10	5	11	10	5	7	3
	5966	539	438	460	480	496	514	493	483	528	497	538	500
NATIVITIES.													
Foreign .....	2558	246	226	207	229	224	257	252	227	263	237	237	253
Atlantic States .....	1022	87	72	82	81	97	91	92	80	95	88	91	66
Pacific Coast .....	2018	205	134	168	167	162	163	144	168	166	167	202	172
Unascertained .....	68	1	6	3	3	13	3	5	8	4	5	8	9
Totals .....	5966	539	438	460	480	496	514	493	483	528	497	538	500

TABLE No. VIII.

AGES OF DECEDENTS IN THE DIFFERENT MONTHS FOR FISCAL YEAR ENDING  
JUNE 30, 1896.

AGRS.	Totals.....	1895.						1896.					
		July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Under 1 year of age.....	997	106	72	90	93	75	87	67	66	87	77	91	86
From 1 to 2.....	158	17	6	12	12	14	10	14	12	13	20	18	10
From 2 to 5.....	156	16	10	8	8	8	15	7	21	13	15	19	16
From 5 to 10.....	94	7	7	7	7	6	7	4	9	7	8	10	15
From 10 to 15.....	59	2	1	6	3	4	7	7	4	9	5	6	5
From 15 to 20.....	141	19	8	13	10	14	14	14	12	8	7	14	8
From 20 to 30.....	624	66	41	60	59	42	50	53	54	45	46	51	57
From 30 to 40.....	746	76	65	55	50	67	61	53	61	71	67	61	59
From 40 to 50.....	756	49	57	57	71	75	67	72	60	72	53	61	62
From 50 to 60.....	806	59	65	59	62	71	75	69	66	74	76	67	63
From 60 to 70.....	818	69	60	60	62	59	74	75	78	74	75	66	66
From 70 to 80.....	452	37	35	23	32	44	37	42	25	45	36	56	40
From 80 to 90.....	133	15	9	8	10	13	9	10	13	9	9	16	12
From 90 to 100.....	18	1	1	2	....	2	1	5	2	1	2	....	1
Over 100 years.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unascertained.....	8	.....	1	.....	1	2	.....	1	.....	.....	1	2	.....
Totals.....	5966	539	438	460	480	496	514	493	483	528	497	538	500

## MORTUARY STATISTICS.

41

TABLE No. IX.

LOCALITIES OF DEATHS FOR EACH MONTH FOR FISCAL YEAR ENDING JUNE 30, 1896.

LOCALITIES.	Total	1895.						1896.					
		July	August	September	October	November	December	January	February	March	April	May	June
First Ward . . . . .	149	9	12	6	10	15	14	8	16	18	14	14	13
Second Ward . . . . .	322	18	18	23	32	30	22	27	29	26	32	35	30
Third Ward . . . . .	12	3	1				2	2		1		3	
Fourth Ward . . . . .	441	52	48	40	37	34	36	36	37	34	29	26	32
Fifth Ward . . . . .	25		1	3	1	3	6	1	1	3	2	2	2
Sixth Ward . . . . .	174	4	8	19	17	20	19	11	19	13	13	12	19
Seventh Ward . . . . .	96	12	8	12	8	5	9	6	9	5	10	4	8
Eighth Ward . . . . .	262	19	17	20	21	24	21	20	19	21	35	21	24
Ninth Ward . . . . .	200	7	16	17	13	19	25	24	16	20	17	12	14
Tenth Ward . . . . .	400	61	22	23	34	30	41	36	35	23	30	34	31
Eleventh Ward . . . . .	1251	117	91	97	91	111	103	105	82	114	106	117	117
Twelfth Ward . . . . .	742	66	54	54	51	60	58	68	66	73	63	78	51
Public Institutions . . . . .	1509	140	103	118	136	117	126	126	132	138	114	146	113
Violent deaths . . . . .	383	31	39	28	29	28	32	23	22	39	32	34	46
Totals . . . . .	5966	539	438	460	480	496	514	493	483	528	497	538	500

TABLE No. X.

MONTHLY DISTRIBUTION OF DEATHS FOR FISCAL YEAR ENDING JUNE 30, 1896.

WARDS, PUBLIC INSTITUTIONS AND VIOLENT DEATHS.	Total.	1895.						1896.					
		July.	August.	September.	October.	November.	December.	January.	February.	March.	April.	May.	June.
City Wards .....	4074	368	296	314	315	351	356	344	329	351	351	358	341
City and County Almshouse...	135	6	8	15	12	15	5	12	10	14	11	14	13
City and County Hospital.....	455	39	22	31	44	40	40	43	55	31	31	41	38
Children's Hospital.....	34	5	3	4	2	4	1	1	...	6	1	3	6
St. Joseph's Infant Asylum....	284	26	17	29	34	15	22	22	11	31	27	32	18
St. Mary's Hospital .....	123	10	14	7	8	8	15	6	7	14	10	19	5
St. Luke's Hospital .....	93	15	7	7	4	4	11	6	12	8	4	8	7
German Hospital .....	92	12	7	8	4	8	9	6	8	13	5	6	6
Old People's Home.....	1	...	...	...	...	1	...	...	...	...	...	...	...
Kings' Daughters' Home.....	6	2	...	...	...	2	...	1	...	...	1	...	...
Branch County Jail.....	3	1	...	...	...	...	...	1	...	...	...	1	...
U. S. Marine Hospital .....	50	5	5	4	7	6	4	4	3	2	5	2	3
City Receiving Hospital.....	41	2	4	6	6	2	2	5	4	4	2	1	3
Lick Old Ladies' Home .....	12	...	2	1	...	...	2	1	...	2	...	3	1
St. Joseph's Home.....	22	...	...	1	3	1	1	3	1	...	4	6	2
Twenty-sixth Street Hospital..	3	1	...	...	...	...	...	1	...	...	...	1	...
Waldeck Hospital .....	11	1	1	...	...	1	1	...	3	2	1	...	1
Lane Hospital .....	30	4	1	2	3	5	4	3	3	2	2	1	...
S. F. Nursery for Children....	4	3	...	...	...	...	1	...	...	...	...	...	...
French Hospital.....	74	7	9	...	6	3	8	7	9	4	7	6	8
Maria Kip Orphanage.....	3	1	...	...	...	1	...	...	...	1	...	...	...
Magdalen Asylum .....	5	...	1	1	...	...	...	...	2	...	...	1	...
California Woman's Hospital..	6	...	2	...	1	...	...	1	1	1	...	...	...
California St. Police Station...	1	...	...	1	...	...	...	...	...	...	...	...	...
Carried forward.....	2562	508	399	431	449	465	48	467	258	436	462	503	452

TABLE No. X—CONTINUED.

MONTHLY DISTRIBUTION OF DEATHS FOR FISCAL YEAR ENDING JUNE 30, 1896.

WARDS, PUBLIC INSTITUTIONS AND VIOLENT DEATHS.	Total .....	1895.						1896.					
		July.....	August....	September.	October...	November.	December.	January....	February...	March.....	April.....	May.....	June.....
Brought forward . . . . .	2562	508	399	431	449	465	482	467	258	486	462	503	452
Hebrew Home.....	6	.....	.....	1	1	.....	.....	1	1	1	1	.....	.....
Alexander Maternity Home....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Girls' Directory . . . . .	7	.....	.....	.....	1	2	.....	1	.....	1	1	1	.....
Rom. Catholic Orphan Asylum	4	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	1
St. Mark's Hospital . . . . .	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Homeopathic Hospital . . . . .	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Old Ladies' Episcopal Home...	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Violent deaths.....	383	31	39	28	29	28	32	23	22	39	32	34	46
Totals... . . . .	5966	539	438	460	480	496	514	493	483	528	497	538	500

TABLE No. XI.

MONTHLY DISTRIBUTION OF DEATHS FROM ZYMOTIC DISEASES FOR FISCAL YEAR  
ENDING JUNE 30, 1896.

CAUSES OF DEATH.	Total.....	White and Black.	Chinese.....	1895.						1896.					
				July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Alcoholism.....	24	24	....	3	2	1	5	....	2	2	2	1	2	2	2
Anemia.....	28	26	2	1	2	....	1	3	1	4	2	2	2	6	4
Cholera Infantum...	71	71	....	19	12	9	5	3	4	3	1	2	1	3	9
Croup.....	26	25	1	3	1	1	....	1	4	2	4	2	....	4	4
Cerebro-sp. Mening..	20	18	2	1	1	2	....	1	1	3	2	3	2	2	2
Diphtheria.....	19	19	....	....	1	2	....	1	2	2	2	2	2	5	....
Dysentery.....	18	11	7	2	3	3	3	3	....	3	1	....	....	....	....
Diarrhœa.....	12	12	....	2	2	1	1	1	2	....	....	1	1	1	....
Entero-Colitis.....	13	13	....	2	3	2	2	1	....	....	1	....	1	....	1
Erysipelas.....	17	17	....	1	2	....	1	....	1	1	3	2	4	....	2
Fever, Typhoid.....	101	96	5	16	5	12	8	7	9	10	6	6	5	7	10
Fever, Malarial.....	8	8	....	....	1	3	....	....	....	2	....	....	2	....	....
Influenza.....	8	8	....	2	....	....	....	....	2	....	1	....	1	2	....
Morphinism.....	4	4	....	1	....	....	....	1	....	....	....	....	....	1	1
Purpura Hæmorrhagica.	3	3	....	....	....	1	....	....	1	....	....	....	....	1	....
Pertussis.....	15	15	....	1	1	....	2	....	1	....	....	....	2	3	5
Septicæmia.....	66	62	4	9	2	3	5	9	5	3	7	11	1	5	6
Scarlatina.....	6	6	....	....	....	....	1	....	....	1	1	....	1	....	2
Syphilis.....	13	7	6	1	....	3	3	....	....	....	2	2	1	....	1
Totals.....	472	445	27	64	38	43	37	31	35	36	35	34	28	42	49

TABLE No. XII.

TWENTY OF THE PRINCIPAL CAUSES OF DEATH FOR THE FISCAL YEAR  
ENDING JUNE 30, 1896.

CAUSES.	Total.....	1895.						1896.					
		July.....	August....	September.	October...	November	December.	January...	February..	March.....	April.....	May .....	June.....
Apoplexy.....	204	15	10	15	16	19	15	15	11	28	25	22	13
Brain Diseases.....	104	9	12	8	7	9	8	6	8	4	8	14	11
Bronchitis.....	178	16	11	13	4	17	19	15	10	15	13	25	20
Cancer.....	322	21	23	25	23	28	25	26	31	30	30	32	28
Convulsions.....	100	6	3	10	9	9	7	7	10	15	8	10	6
Cholera Infantum.....	71	19	12	9	5	3	4	3	1	2	1	3	9
Enteritis.....	134	13	12	13	15	7	10	11	7	12	11	16	7
Encephalitis, etc.....	124	11	8	10	10	13	9	10	14	13	10	9	7
Heart Diseases.....	707	48	56	63	62	64	72	59	53	66	56	48	60
Hepatitis.....	155	14	12	8	17	11	14	9	11	10	18	18	13
Inanition.....	282	29	20	32	31	24	21	15	22	19	22	23	24
Nephritis.....	216	23	17	18	18	11	21	11	24	20	20	16	17
Old Age.....	189	13	10	16	9	18	16	15	12	17	21	23	19
Paralysis.....	72	5	7	6	8	5	11	6	6	4	3	6	5
Phthisis Pulmonalis.....	1003	117	65	68	73	92	76	97	103	87	74	85	66
Pneumonia.....	467	23	22	28	34	29	49	53	37	50	45	48	49
Peritonitis.....	73	3	4	9	6	9	3	8	6	4	10	7	4
Septicæmia.....	66	9	2	3	5	9	5	3	7	11	1	5	6
Typhoid Fever.....	101	15	6	12	8	7	9	10	6	6	5	7	10
Tubercular Meningitis ...	52	6	3	1	4	4	5	6	6	6	5	4	2

TABLE No. XIII.

## STATEMENT OF MARRIAGES, BIRTHS AND DEATHS FOR FISCAL YEARS

1890-91, 1891-92, 1892-93, 1893-94, 1894-95, 1895-96.

MONTHS.	Marrriages . . . . .	Births registered.	Deaths registered	MONTHS.	Marrriages . . . . .	Births registered.	Deaths registered
1890—July . . . . .	284	161	600	1891—January . . . . .	263	235	612
August . . . . .	268	150	549	February . . . . .	260	353	574
September . . . . .	301	157	460	March . . . . .	231	314	603
October . . . . .	293	136	540	April . . . . .	264	333	562
November . . . . .	242	187	545	May . . . . .	240	493	530
December . . . . .	314	152	580	June . . . . .	276	212	495
				Total . . . . .	3236	2903	6650
1891—July . . . . .	251	288	580	1892—January . . . . .	288	142	700
August . . . . .	268	268	550	February . . . . .	297	303	593
September . . . . .	309	283	465	March . . . . .	231	475	579
October . . . . .	345	230	554	April . . . . .	301	427	486
November . . . . .	355	511	548	May . . . . .	279	417	530
December . . . . .	324	361	800	June . . . . .	350	333	526
				Total . . . . .	3598	4088	6911
1892—July . . . . .	269	333	580	1893—January . . . . .	338	333	567
August . . . . .	269	391	450	February . . . . .	245	284	478
September . . . . .	287	318	468	March . . . . .	189	298	529
October . . . . .	298	338	452	April . . . . .	336	318	466
November . . . . .	315	314	540	May . . . . .	244	312	514
December . . . . .	316	298	565	June . . . . .	307	352	452
				Total . . . . .	3413	3889	6061



TABLE No. XIII -CONCLUDED.

MONTHS.	Marriages .....	Births registered.	Deaths registered	MONTHS.	Marriages .....	Births registered.	Deaths registered
1893—July.....	267	333	489	1894—January.....	301	307	607
August.....	282	284	440	February.....	206	270	498
September.....	252	258	468	March.....	250	305	565
October.....	278	373	488	April.....	279	400	546
November.....	274	362	525	May....	214	345	490
December.....	285	320	503	June.....	312	337	441
				Total....	3200	3894	6060
1894—July.....	237	311	489	1895—January.....	257	339	547
August.....	267	361	527	February.....	269	346	493
September.....	291	381	494	March.....	227	271	609
October.....	304	344	518	April.....	273	280	469
November.....	283	288	522	May.....	237	261	426
December....	306	279	522	June.....	279	294	443
				Total.....	3230	3755	6059
1895—July.....	239	272	539	1896—January.....	239	513	493
August.....	289	349	438	February.....	280	409	483
September.....	245	414	460	March.....	216	474	528
October.....	323	436	480	April.....	261	454	497
November.....	300	355	496	May.....	186	478	538
December....	272	359	514	June.....	313	507	500
				Total.....	3164	5020	5966

TABLE No. XIV.

BIRTHS, MARRIAGES, DEATHS AND POPULATION FOR THE LAST TWENTY-FIVE YEARS.

YEARS.	Births Registered.	Marriages Registered.	Deaths Registered.	Population.
1870-71 .....	403	1,957	3,214	172,750
1871-72 .....	511	1,880	2,998	178,276
1872-73 .....	529	2,005	3,641	188,323
1873-74 .....	580	2,082	4,014	200,770
1874-75 .....	563	2,263	4,163	230,132
1875-76 .....	630	2,464	4,791	272,345
1876-77 .....	811	2,488	6,150	300,000
1877-78 .....	1,056	2,355	4,977	300,000
1878-79 .....	1,504	2,240	4,493	305,000
1879-80 .....	1,340	2,183	4,340	233,700
1880-81 .....	1,259	2,392	4,287	234,520
1881-82 .....	2,227	2,605	5,008	234,520
1882-83 .....	1,667	2,687	4,986	250,000
1883-84 .....	1,891	2,759	5,000	270,000
1884-85 .....	1,278	2,804	5,288	270,000
1885-86 .....	1,504	2,651	5,322	280,000
1886-87 .....	1,346	2,977	5,359	300,000
1887-88 .....	1,780	3,172	6,036	330,000
1888-89 .....	1,631	3,605	5,729	330,000
1889-90 .....	2,235	3,421	6,378	330,000
1890-91 .....	2,903	3,236	6,650	330,000
1891-92 .....	4,088	3,598	6,911	330,000
1892-93 .....	3,889	5,413	6,061	330,000
1893-94 .....	3,894	8,200	6,660	330,000
1894-95 .....	3,755	3,230	6,050	330,000
1895-96 .....	5,020	3,164	5,966	330,000

TABLE No. XV.

INTERMENTS FOR FISCAL YEAR ENDING JUNE 30, 1896.

CEMETERIES.	Totals.....	1895.						1896.					
		July.....	August.....	September.	October....	November..	December..	January....	February....	March.....	April.....	May.....	June.....
Country.....	457	47	40	28	40	40	30	30	46	40	44	37	35
Calvary.....	1041	96	64	90	85	75	77	84	76	108	89	130	67
City.....	1334	120	96	113	104	113	100	116	118	115	115	105	119
Colleges .....	93	12	4	3	7	14	7	6	16	2	5	4	13
Cypress Lawn, San Mateo Co..	378	34	27	28	30	27	35	23	36	36	40	32	30
Holy Cross, San Mateo County.	1084	85	82	73	79	93	101	94	70	98	94	110	105
Hills of Eternity, San Mateo Co.	84	5	10	6	8	4	5	8	8	4	5	10	11
Home of Peace, San Mateo Co.	90	10	6	5	16	4	9	10	10	8	3	4	5
Laurel Hill.....	660	53	67	61	61	64	56	45	47	53	49	52	52
Masonic.....	344	38	28	32	17	25	33	32	25	40	20	19	35
New Salem, San Mateo Co.....	54	3	3	2	7	1	3	6	5	4	6	8	6
Odd Fellows'.....	1110	106	77	84	92	92	111	92	85	86	100	86	98
Presidio National.....	33	3	3	3	3	4	2	2	9	2	1	1	....
St. Michael's... ..	2	....	1	....	....	....	....	....	1	....	....	....	....
U. S. Marine.....	32	3	5	3	3	3	4	3	1	1	4	1	1
Totals.....	6796	615	513	531	552	560	573	551	552	598	575	599	577

TABLE

## DEATHS REGISTERED IN SAN FRANCISCO

MONTHS.	Total. .....	AGES.															SEX.		
		Under 1.....	1 to 2.....	2 to 5.....	5 to 10.....	10 to 15.....	15 to 20.....	20 to 30.....	30 to 40.....	40 to 50.....	50 to 60.....	60 to 70.....	70 to 80.....	80 to 90.....	90 to 100.....	Over 100.....	Unascertained	Male.....	Female.....
January .....	547	77	23	10	8	6	20	34	61	72	78	73	39	16	...	...	...	332	215
February.....	493	83	12	15	7	6	6	49	56	60	66	70	40	17	6	...	...	315	178
March.....	609	90	12	10	6	1	13	70	89	72	94	80	49	19	3	...	1	381	228
April.....	469	53	13	11	10	3	11	56	56	67	69	60	44	14	2	...	...	278	191
May.....	426	61	11	10	9	8	11	51	63	45	54	66	30	6	1	...	...	253	173
June.....	443	78	8	13	8	3	9	51	61	58	61	54	28	10	1	...	...	275	168
July.....	539	106	17	16	7	2	19	66	76	49	59	69	37	15	1	...	...	327	212
August.....	438	72	6	10	7	1	8	41	65	57	65	60	35	9	1	...	1	259	179
September.....	460	90	12	8	7	6	13	60	55	57	59	60	23	8	2	...	...	275	185
October .....	480	93	12	8	7	3	10	59	50	71	62	62	32	10	...	...	1	303	177
November.....	496	75	14	8	6	4	14	42	67	75	71	59	44	13	2	...	2	298	198
December .....	514	87	10	15	7	7	14	50	61	67	75	74	37	9	1	...	...	324	190
Totals.....	5914	965	150	134	89	50	148	659	760	759	813	787	438	146	20	...	5	3620	2294

## MORTUARY STATISTICS.

51

No. XVI.

DURING THE CALENDAR YEAR 1895.

RACE			WARDS.												Public Institutions.	Casualties.....	Suicides.....	Homicides.....	NATIVITIES.			
Caucasian ...	Mongolian ...	African.....	1st Ward.....	2d Ward.....	3d Ward.....	4th Ward.....	5th Ward.....	6th Ward.....	7th Ward.....	8th Ward.....	9th Ward.....	10th Ward.....	11th Ward.....	12th Ward.....					Foreign Countries...	Atlantic States.....	Pacific Coast.....	Unascertained
497	43	7	12	28	3	61	1	3	21	28	10	43	122	71	110	30	4	...	277	90	180	..
460	28	5	10	19	..	46	..	1	12	23	8	49	107	68	129	14	7	...	262	64	166	..
572	32	5	8	38	1	51	1	6	14	35	14	63	136	81	134	17	7	3	335	100	173	1
444	22	3	8	14	1	33	2	11	4	18	5	41	111	74	108	16	17	6	247	84	138	..
385	33	8	4	13	3	43	..	4	13	16	3	41	103	64	92	15	12	...	206	73	147	..
407	32	4	4	7	..	43	..	1	14	23	10	32	113	52	108	21	11	4	226	72	145	..
502	32	5	9	18	3	52	..	4	12	19	7	61	117	66	140	12	17	2	246	87	205	1
393	42	3	12	18	1	48	1	8	8	17	16	22	91	54	103	19	17	3	226	72	134	6
417	39	4	6	23	..	40	3	19	12	20	17	23	97	54	118	14	14	...	207	82	168	3
446	32	2	10	32	.	37	1	17	8	21	13	34	91	51	136	15	12	2	229	81	167	3
450	43	3	15	30	.	34	3	20	5	24	19	30	111	60	117	12	14	2	224	97	162	13
462	42	10	14	22	2	36	6	19	9	21	25	41	103	58	126	12	20	...	257	91	163	3
5435	420	59	112	262	14	524	18	113	132	265	147	480	1302	753	1421	197	152	22	2943	993	1948	30

TABLE

METEOROLOGICAL OBSERVATIONS TAKEN AT THE U. S. WEATHER BUREAU

MONTHS.	BAROMETER.			TEMPERATURE.			
	Highest.	Lowest.	Monthly Average.	Maxi- mum.	Mini- mum.	Monthly Average.	Average Dew Point.
1895.							
July .....	30.109	29.841	29.972	83	50	58.4	52.7
August .....	30.032	29.769	29.934	80	50	58.4	52.2
September .....	30.134	29.835	29.963	89	51	60.7	50.4
October.....	30.208	29.738	29.998	83	48	58.8	51.4
November .....	30.514	29.720	30.080	83	42	56.2	43.8
December. ....	30.545	29.747	30.222	60	39	48.6	43.1
1896.							
January.....	30.361	29.697	30.056	63	40	52.2	48.0
February.....	30.351	29.970	30.178	72	44	55.3	45.4
March.....	30.288	29.552	30.056	72	33	54.3	46.2
April.....	30.277	29.724	30.060	66	41	51.6	43.0
May.....	30.267	29.855	30.052	91	45	56.3	46.6
June.....	30.155	29.707	29.962	79	47	57.2	48.6
Sums.....	563.291	277.155	360.533			668.0	571.4
Means.....	30.274	29.746	30.044	91	33	55.7	47.6

Kindly furnished by W. H. HAMMONS, Forecast Official in Charge

## No. XVII.

SAN FRANCISCO, CAL., DURING THE YEAR ENDING JUNE 30, 1896.

RELATIVE HUMIDITY—PER CENT.			WINDS.			CLOUDLINESS.	RAIN.
Highest.	Lowest.	Monthly Average.	Prevailing Direction.	Maximum Vel., Miles	Average Hourly Vel., Miles	Average.	Inches.
100	67	86.4	S.W.	38	15.5	4.9	0.01
100	43	86.9	S.W.	36	13.8	4.1	0.00
100	28	77.0	W.	35	11.5	4.0	0.77
100	35	84.6	W.	36	8.7	3.8	0.11
100	26	70.1	W.	36	7.7	3.7	1.78
100	42	83.8	N.	34	7.3	4.7	1.43
100	59	87.2	S.	47	9.5	6.5	8.14
100	40	74.9	W.	34	7.0	2.5	0.28
100	28	79.0	W.	35	8.4	5.4	2.85
97	35	76.2	W.	36	11.6	5.6	5.16
100	30	75.2	W.	41	12.4	3.8	0.72
97	40	79.2	W.	42	14.3	3.0	0.00
100	26	960.5			12.77	52.0	21.25
		80.4	W.	47	10.6	4.3	1.77

United States Weather Bureau, San Francisco, Cal.

TABLE No. XVIII.

DISINTERMENT PERMITS ISSUED DURING THE FISCAL YEAR ENDING JUNE 30, 1896.

CEMETERIES.	Totals.	1895.						1896.					
		July	August	September	October	November	December	January	February	March	April	May	June
City Cemetery—White.....	35	.....	3	6	3	6	3	2	5	1	2	3	1
City Cemetery—Chinese.....	312	5	.....	3	269	10	7	2	2	1	1	4	8
Laurel Hill Cemetery—White..	32	1	3	1	3	4	5	.....	7	1	.....	2	5
Laurel Hill Cemetery—Chinese	15	.....	.....	1	1	1	1	.....	.....	.....	10	1	.....
Masonic Cemetery .....	34	3	6	1	.....	2	4	6	2	3	1	4	2
Calvary Cemetery .....	103	7	8	12	6	12	8	4	12	2	7	14	11
Odd Fellows' Cemetery.....	58	1	6	7	7	5	3	2	4	3	11	5	4
Mission Dolores Cemetery.....	13	.....	5	.....	.....	.....	3	.....	.....	5	.....	.....	.....
Home of Peace Cemetery.....	97	25	14	.....	21	14	2	.....	8	.....	.....	13	.....
Gibboth Olam Cemetery.....	252	6	157	52	37	.....	.....	.....	.....	.....	.....	.....	.....
Anzel Island Cemetery.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Totals .....	952	48	202	83	347	54	36	16	41	16	32	46	31



TABLE No. XIX.

DISINTERMENT ACCOUNT—RECEIPTS AND EXPENSES DURING FISCAL YEAR  
ENDING JUNE 30, 1896.

DATE.	FOR WHAT PURPOSE.	DR.	CR.
1895.			
July.....	Receipts.....	\$60 00	
	Inspectors' salaries.....		\$200 00
August.....	Receipts.....	40 00	
	Inspectors' salaries.....		200 00
September.....	Receipts.....	50 00	
	Inspectors' salaries.....		200 00
October.....	Receipts.....	2,720 00	
	Inspectors' salaries.....		200 00
November.....	Receipts.....	140 00	
	Inspectors' salaries.....		200 00
December.....	Receipts.....	90 00	
	Inspectors' salaries.....		200 00
1896.			
January.....	Receipts.....	20 00	
	Inspectors' salaries.....		200 00
February.....	Receipts.....	50 00	
	Inspectors' salaries.....		200 00
March.....	Receipts.....	20 00	
	Inspectors' salaries.....		200 00
April.....	Receipts.....	30 00	
	Inspectors' salaries.....		200 00
May.....	Receipts.....	80 00	
	Inspectors' salaries.....		200 00
June.....	Receipts.....	110 00	
	Inspectors' salaries.....		200 00
		\$3,410 00	\$2,400 00

## HEALTH OFFICER'S REPORT.

TABLE No. XX.

SALARIES PAID BY HEALTH DEPARTMENT DURING FISCAL YEAR ENDING JUNE 30, 1896.

To Whom Paid.	1895.						1896.					
	July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Health Office .....	\$24,510 00	\$1,750 00	\$1,780 00	\$1,810 00	\$2,130 00	\$2,130 00	\$2,130 00	\$2,130 00	\$2,130 00	\$2,130 00	\$2,130 00	\$2,130 00
City Physician and As-	3,000 00	250 00	250 00	250 00	250 00	250 00	250 00	250 00	250 00	250 00	250 00	250 00
sistant .....	900 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00	75 00
Superintendent City Cen-	29,801 95	2,485 00	2,470 00	2,465 00	2,525 00	2,476 65	2,480 00	2,486 80	2,515 00	2,490 00	2,408 50	2,555 00
tery .....												
City and County Hospital,												
Quarantine Department,												
Salaries and Expenses.	7,842 59	558 15	552 63	574 92	1,014 97	599 53	639 45	680 63	577 61	676 85	555 00	617 60
Smallpox Hospital.....	2,400 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00
Disinfectment Inspectors.	2,400 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00	200 00
City Receiving Hospital.	7,080 00	590 00	590 00	590 00	590 00	590 00	590 00	590 00	590 00	590 00	590 00	590 00
City and County Alms-												
house .....	16,996 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,417 00	1,409 00
Total .....	\$94,990 54	\$7,525 15	\$7,534 63	\$7,581 92	\$8,072 25	\$7,938 18	\$7,981 45	\$8,029 43	\$7,954 61	\$8,028 85	\$7,915 50	\$8,026 60

# SECRETARY'S FINANCIAL REPORT.

57

TABLE No. XXI.

SECRETARY'S REPORT OF THE EXPENSES OF THE HEALTH OFFICE FOR THE FISCAL YEAR ENDING  
JUNE 30, 1896.

	1895.							1896.					
	Total.....	July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Repairs, Horse Hire and Car Fares.....	\$1,758 35	\$140 00	\$157 00	\$147 35	\$140 00	\$140 00	\$141 00	\$142 50	\$140 00	\$145 00	\$113 50	\$202 00	\$150 00
Furniture and Repairs.....	138 20	5 45	1 75	3 50	.....	.....	.....	125 00	.....	.....	2 50	.....	.....
Office Sundries.....	282 59	.....	13 10	10 00	57 40	2 50	68 90	20 75	49 50	.....	35 44	5 00	20 00
Printing, Stationery and Stamps.....	1,189 61	169 40	95 64	129 80	106 63	76 70	99 36	58 19	114 52	53 50	106 57	134 30	44 40
Vaccine and Fumigating Ma- terial.....	676 15	78 50	145 20	77 00	49 75	75 00	14 50	31 50	73 00	9 00	63 50	20 75	38 25
Telephone.....	208 05	18 12	20 82	.....	44 25	22 60	29 47	25 30	36 06	28 60	30 06	32 59	30 18
Typewriter.....	180 00	.....	.....	.....	.....	.....	.....	.....	20 00	40 00	40 00	40 00	40 00
Short-hand Reporting (inves- tigation).....	45 90	.....	.....	.....	.....	10 20	20 00	.....	.....	.....	.....	.....	15 90
Milk Supplies.....	155 28	.....	.....	.....	12 70	8 00	15 40	6 13	38 05	18 15	.....	22 85	34 00
Newspapers.....	43 45	7 80	.....	.....	7 80	2 10	.....	1 20	4 55	3 90	8 00	5 10	3 00
Janitor.....	30 00	30 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Advertising.....	58 96	.....	.....	.....	.....	.....	.....	.....	43 46	200 00	15 50	.....	.....
Water Investigation.....	200 00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....	\$5,006 54	\$449 47	\$433 51	\$467 65	\$418 53	\$386 90	\$388 63	\$410 57	\$509 14	\$498 15	\$415 07	\$403 19	\$375 73

## HEALTH OFFICER'S REPORT.

TABLE No. XXII.

FEES COLLECTED FOR CERTIFIED COPIES OF BIRTHS AND DEATHS FOR YEAR ENDING JUNE 30, 1896.

	FOR WHAT COLLECTED.	1895.						1896.					
		July.....	August.....	September.....	October.....	November.....	December.....	January.....	February.....	March.....	April.....	May.....	June.....
Certified copies of death.....		\$34 50	\$28 50	\$39 00	\$27 00	\$34 50	\$34 50	\$42 00	\$33 00	\$45 00	\$25 50	\$42 00	\$40 50
Certified copies of birth.....		.....	.....	7 50	6 00	7 50	4 50	4 50	3 00	6 00	7 50	3 00	6 00
Totals.....		\$34 50	\$28 50	\$46 50	\$33 00	\$42 00	\$39 00	\$46 50	\$36 00	\$51 00	\$33 00	\$45 00	\$46 50

TABLE No. XXIII.

DIAGRAM SHOWING TWENTY PRINCIPAL CAUSES OF DEATH.

Tubercular meningitis..52	
Septicemia.....66	
Cholera Infantum...71	
Paralysis.....72	
Peritonitis.....73	
Convulsions .....100	
Typhoid Fever ...101	
Brain Diseases ...104	
Encephalitis, etc...124	
Hepatitis.....155	
Bronchitis.....178	
Old age.....189	
Apoplexy .....204	
Nephritis.....216	
Inanition.....282	
Cancer .....322	
Pneumonia.....467	
Heart Diseases...707	
Phtisis Pulmonalis.1008	

## PLUMBING INSPECTOR'S REPORT.

SAN FRANCISCO, July 1, 1896.

*A. S. Lovelace, M.D., Health Officer—*

DEAR SIR: I herewith submit my report as Plumbing Inspector for the fiscal year ending June 30, 1896:

Number of plans submitted.....	914	Number of inspections in construction..	1,116
Representing houses .....	1,006	Number of inspections on completion ..	883

Representing the following classes of buildings:

Private houses, one family.....	358	Churches.....	2
Apartment flats for two families .....	246	School-houses.....	2
Apartment flats for three families .....	92	Club-houses .....	2
Stores and flats.....	69	Factories.....	4
Stores and office buildings .....	10	Stables.....	3
Stores and rooming houses .....	25	Railroad car houses.....	2
Stores.....	26	Additions and alterations.....	119
Hotels and lodging-houses.....	5	Engine houses, S. F. F. D.....	7
Public halls .....	1	Apartment flats for four or more families	29
Warehouses .....	3	Parrott Building.....	1

I respectfully call your attention to the performance of the work of this department in the construction of plumbing in new buildings. I have done all in my power to enforce the rules as strictly as possible, and at the same time treat every one justly. With the exception of a few cases, no difficulties have been encountered. The plumbers in most instances did what they knew to be their duty, and thus assisted me. Two or three arrests were made, and several times work had to be torn out and reconstructed; but only in a few cases was stubbornness exhibited on the part of the plumbers in their refusal to do the work properly.

From my experience I concluded that many additions and alterations could be made in the rules, and I accordingly compiled a new set, which have recently been adopted by the Board of Health. The adoption of these rules involves more work on the employes of this department, and also adds to a great extent to the duties of the Secretary, Mr. Edmond Godchaux.

The late rules applied only to plumbing in new buildings; while those recently adopted

apply to plumbing work in all buildings, whether new or old. The proper enforcement of these rules will require an increase in the number of assistants. In the majority of cases it involves no more expense to do work in compliance with these rules than it did before their adoption. They have received the hearty indorsement of all fair-minded and honest plumbers.

In conclusion, I must not forget the valuable assistance rendered me by the Assistant Plumbing Inspector, Mr. Thomas McGrath, and also thanking you kindly for the assistance rendered this department, I am,

Yours respectfully,

JOHN J. SULLIVAN,

Plumbing Inspector.

### LIST OF MASTER PLUMBERS.

MASTER PLUMBERS.	ADDRESS.	MASTER PLUMBERS.	ADDRESS.
Anderson, C. E. . . . .	1616 Polk.	Bordwell, A. B. . . . .	154 Solano, S. S. F.
Armstrong, J. H. & Co..	352 Twenty-fourth.	Bartholdy, O. . . . .	406½ Grove.
Adams, C. B. . . . .	324 Third av.	Bayreuther, G. W. . . . .	210 O'Farrell.
Allen & Looney . . . . .	314 O'Farrell.	Baumsteiger, A. . . . .	1503 Geary.
Aicher & Campbell. . . . .	439 Bush.	Butler, J. . . . .	435 Hayes.
Ahlbach & Co. . . . .	136 Fourth.	Barry, G. W. . . . .	16th & R.R. av. S S.F
Amey, C. H. . . . .	21-23 Beale.	Berwick & Spinks. . . . .	503 Sutter.
Britt, J. E. . . . .	7 Eighth.	Bailey, T. J. . . . .	524 Hayes.
Brook, J. H. . . . .	712 Larkin.	Buckley, H. T. . . . .	1402 Devisadero.
Bradley & Grime . . . . .	400½ McAllister.	Becker, V. F. & Bro. . . . .	329 Hayes.
Buick, W. . . . .	1910 Fillmore.	Clifford, W. C. . . . .	24C1 Mission.
Bailey, F. R. . . . .	936 McAllister.	Cline, W. . . . .	2108 Filmore.
Brown, C. & Son . . . . .	807 Market.	Chicou, J. . . . .	534 California.
Bertram & Bro. . . . .	1017 Folsom.	Coyne, J. . . . .	32 Clay.
Blackman, M. J. . . . .	225 Hayes.	Colley, J. P. . . . .	22 Seventh.
Bryan, J. M. . . . .	2105 Mission.	Cosgrove, J. T. . . . .	9 Oak.
Butterworth, J. E. . . . .	1809 Polk.	Croall, J. . . . .	2107 Mason.

## LIST OF MASTER PLUMBERS—CONTINUED.

MASTER PLUMBERS.	ADDRESS.	MASTER PLUMBERS.	ADDRESS.
Clark, J. W.....	312 Turk.	Ford Bros.....	635 Ellis.
Casey, M. B.....	128 Eleventh.	Firmin, J. L. E. ....	1244 Valencia.
Corneps & McKenna....	1915 Howard.	Freeman & Wrin.....	326 Third.
Cohen, M.....	813 Stockton.	Flood, P.....	1718½ Fillmore.
Croistwaite, M. H.....	388 Fifth avenue.	Fabre, J.....	618 California.
Clark, T. & Son.....	611 McAllister.	Fitzpatrick, James.....	825 Howard.
Connors & Dowling .....	788 Folsom.	Fitzpatrick, P. D.....	1325 Vallejo.
Craig, J. R.....	341 Eddy.	Farrell, J. T.....	442 Valencia.
Caulfield, H. F.....	471 Bryant.	Fisher, M.....	205 Clipper.
Dallamore, G. C.....	414 Devisadero.	Fries & Fisher.....	700 Montg'y Av.
Dorgan, M. H.....	30 Geary.	Forsyth, W. C.....	106½ Golden Gate av.
De Lano Bros.....	21 Spear.	Farrand, A. ....	508 Jones.
Demers, E.....	302½ Fourth.	Flood & McDonald.....	531 Castro.
Dahmke, C. F.....	149 Berry, 3d & 4th	Floyd & Kelly.....	2000 Devisadero.
Day, J. & Co.....	459 Valencia.	Fast, J.....	2925 California.
Duboise, W. E.....	2520 Market.	Freumuth, C.....	1809 Union.
Downes, Charles.....	41 Second.	Flynn, J. F....	1008 R.R. Av., S.S.F.
Doherty, J. H.....	345 Kearny.	Gibbs, J.....	31½ Ninth.
Dodge, H. W.....	431 O'Farrell.	Groffman, C. P....	208 Twenty-fourth.
Daley, D. J.....	320 Montg'y Av.	Greninger, G. F.....	1731 Market.
Duffey, E. Jas.....	11 Trinity.	Gallagher, C. J.....	208 Ninth.
Ertola, A. & B.....	1508 Dupont.	Gallagher, Bros... ..	1221 Valencia.
England, W. J.....	1417½ Hayes.	Gulick & Wetherbee....	210 Mason.
Eisner, P.....	426 Hayes.	Groom, J. P.....	12 Mason.
Ernst, H.....	634 Broadway.	Gainford, T.....	49 Golden Gate av.
Enright, W.....	535 California.	Hogan, E.....	417 O'Farrell.
Eastman, G. M.....	2763 Mission.	Humphreys, G. W.....	45 Sanchez.
Eisner, H.....	1707 Sutter.	Hobro, W. D.....	728 Washington.
Eckelman, J. J.....	1307 Pacific.	Harrigan, M. J. & Bro..	2005 Polk.



## LIST OF MASTER PLUMBERS—CONTINUED.

MASTER PLUMBERS.	ADDRESS.	MASTER PLUMBERS.	ADDRESS.
Healy, T. J.....	1124 Florida.	Kappeler, J.....	419 Mason.
Holmes & Young .....	1243 Twenty-fourth.	Krause, E... ..	2931 Folsom.
Hughes Bros. ....	505 Fell.	Knowles, F. T. ....	2607 Fillmore.
Hanna, J. L.....	1922 Polk.	Kluegel, A.....	301 Joost.
Hufschmidt, H.....	623 Golden Gate av	Kelly, George F.....	310 Fell.
Hoffman, C. T'.....	823 Pacific.	Lane, William E.....	505 Kearny.
Hayes, E. L.....	421 Fourth.	Leinhardt & Co.....	626 Kearny.
Heinz, C.....	714 Montgomery av.	Leiser, L.....	67 Fourth.
Haley, J.....	407 Brannan.	Lane, J. H.....	1214 Polk.
Haub, G.....	1934 Union.	Levison, I. M.....	709 McAllister.
Holmes & Jones .....	2531 Mission.	Levy & Parker.....	1605 Polk.
Hildenbrant, C.....	419 Capp.	Lewrie, J.....	227 Golden Gate Av.
Hahn.....	2014 Market.	Larseneur, C. T.....	520 Pine.
Howes, E. S.....	1625 Devisadero.	Lubliner, C. W.....	12½ Russ.
Heaney, E. J.....	712 Point Lobos Av.	Laib, A.....	1623 Post.
Ickelheimer, S. & Bro....	322 Sutter.	Lynch, T.....	80C Howard.
Iredale, Charles W.....	952 Mission.	Lehmkuhl, H.....	3251 Mission.
Ingram & Gray .....	2609 Bush.	Lawton, E. J.....	7 Belvedere.
Ingenlath, R. ....	142 First.	Lack, H.....	1625 Fillmore.
Ils, John G. & Co. ....	814 Kearny.	McCarthy, Charles ....	1206 Pacific.
Irelan, W. ....	238 Ellis.	McCarthy & Rissi.....	439 Broadway.
Johnson, A.....	222 Twenty-fourth.	McCloskey, J.....	114 Dorland.
Jennings, J.....	332 Fifth Av.	McCormick, J. H.....	313½ Sutter.
Koch, F.....	1075 Howard.	McDevitt & Cleary.....	27 Stanley place.
Kelly & Siebert.....	239 Seventh.	McDonald, A. W.....	110 Stevenson.
Kerner, F.....	11 Pearl.	McIntyre, William.....	524 Bush.
Killion, J. F.....	1030 Sutter.	McGowan, J. J.....	9 William.
Klopper, H.....	1102 Clay.	McKeown, T.....	515½ Sixth.
Keegan, J.....	43 Tehama.	McKewen, P.....	40 Turk.

## LIST OF MASTER PLUMBERS—CONTINUED.

MASTER PLUMBERS.	ADDRESS.	MASTER PLUMBERS.	ADDRESS.
McManus, J. ....	1140 Union.	Power & Pike, .....	49 Sacramento.
Mayer, J. ....	904½ Laguna.	Petersen, S. ....	205 Powell.
Meyer, J. F. ....	1013 Valencia.	Pritchard Bros. ....	319 Leavenworth.
Meyer, A. ....	1805 Howard.	Platz, J. ....	2629 Pine.
Meyer, S. ....	1413 Ellis.	Platz, E. ....	1828 Devisadero.
Mackie, R. W. ....	23 Valencia.	Pgoetz, L. ....	537 Geary.
Moenning & Co. ....	612 Octavia.	Quinn & Pollock. ....	785 Haight.
Murray Bros. ....	619 Sacramento.	Ross, J. E. ....	108 Eureka and 741 Howard.
Mills, F. H. ....	327 Turk.	Ravani & Curran. ....	440 Broadway.
Manders, J. ....	963 Mission.	Rose, J. ....	R.R. and 14th Avs.
Morrison & Bevilockway.	110 Steuart.	Riley, J. ....	1507 Pine.
Moliis & Co. ....	623 Davis.	Reilley, C. ....	214 Montgomery Av.
Mensor, A. & Co. ....	1734 Market.	Riley, J. A. ....	428 Eleventh Av.
Mulholland, John. ....	1718 Waller.	Reavey, A. J. ....	508 Fourth.
Meehan, C. ....	652 Sacramento.	Russ Bros. ....	342 Sixth.
Mehegan, D. F. ....	1113 Pierce.	Raisch, F. ....	1525 Howard.
Noonan & Gordan. ....	905 Mission.	Rice, R. ....	107 Geary.
Newmark, A. ....	412 Larkin.	Ruddock, A. J. ....	835 Sutter.
Noble, J. H. ....	1517 Buchanan.	Rehn, C. ....	2914 Sixteenth.
O'Dea, J. A. ....	1528 Polk.	Rickman, W. F. ....	1943 Mission.
O'Brien, A. J. ....	1760 Ellis.	Rossi, C. ....	733 Vallejo.
O'Donnell, P. J. ....	704 Butte.	Rietzke, J. ....	Buchanan-McAllist'r
O'Brien, P. R. & Son. ....	1357 Folsom.	Rapp, C. H. ....	208½ Leavenworth.
Ponder, J. H. ....	2002 Howard.	Ross, Miss L. E. ....	3 1 Bush.
Pabst, George & Co. ....	204 Mission.	Schuppert, A. L. ....	616 Filbert.
Plevin & Morrice. ....	305 Noe.	Schmitt, C. G. ....	829 Valencia.
Packscher & French. ....	2107 Fillmore.	Shields, G. A. ....	240 Ninth.
Perazzi, H. J. ....	C30 Post.	Schwartz, A. ....	134 Fifth.
Podesta, A. ....	355 Alvarado.	Sweeney, J. E. ....	114 Turk.

## LIST OF MASTER PLUMBERS—CONCLUDED.

MASTER PLUMBERS.	ADDRESS.	MASTER PLUMBERS.	ADDRESS.
Snead, F. A.....	1438 Howard.	Tobin, W. H.....	504½ O'Farrell.
Snook, W. S. & Son.....	554 Clay.	Trezise Bros.....	1140 McAllister.
Snook, E. & G.....	630 Sacramento.	Vogt, F. W. ....	469 Minna.
Spear, L. E.....	24 Steuart.	Vance, R. A.....	623 Geary.
Spencer & Jones.....	258 Stevenson.	Williamson, H.....	413 Sutter.
Szanik, S.....	444-46 Valencia.	Wolfe, E.....	632 Geary.
Sweeney, G. C.....	114½ Ellis.	Walcott, T. J. ....	580 Howard.
Shepard Bros.....	122 Battery.	Walsh & McCusker.....	212½ Fillmore.
Schuster Bros.....	306 Sutter.	Williamson, D.....	R.R. Av., 8th-9th.
Schwartz & Kayser.....	436 Hayes.	Westphal & Volkmann..	303 Geary.
Stuhr, C. G.....	1332 Church.	Williams, W. A.....	1211 Devisadero.
Schumacher, F. A.....	506a Larkin.	Ward, P. F.....	1715 Market.
Streigel, J. P.....	2205 Geary.	Weekes, W. J. J. ....	1528 Stockton.
Sweeney, M.....	— Shotwell.	Welsh, M. F.....	2408 California.
Schalich, J. A.....	1712 Church.	Weber, H.....	510 Montgomery av.
Schram, G. H. ....	313 Eleventh Av.	Waters, P. F.....	84 Geary.
Taylor, Adams & Pritch-		Whitley, H. T.....	1107 Valencia.
ard. ....	12-14 Market and	Williams, E. W.....	619½ Shotwell.
.	9-11 Sacramento.	Yung, L.....	603 Fourth.

## ASSISTANT PLUMBING INSPECTOR'S REPORT.

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SAN FRANCISCO, July 1, 1896.

*A. S. Lovelace, M.D., Health Officer:*

DEAR SIR: Herewith please find report of Assistant Inspector of Plumbing and Drainage for the fiscal year ending June 30, 1896:

Number of feet iron-stone sewer inspected .....	4,730
Number of feet cast-iron sewer inspected.....	62,665
Number of traps at curb of sidewalk inspected .....	583
Number of inspections made.....	1,547

Respectfully submitted,

THOMAS McGRATH,  
Assistant Inspector of Plumbing and Drainage.

## CHIEF MARKET INSPECTOR'S REPORT.

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SAN FRANCISCO, CAL., July 1, 1896.*To the Honorable the Board of Health—*

GENTLEMEN—The past fiscal year has been an extremely busy one for this branch of the Health Department. In addition to my regular duties as inspector of meats, markets, etc., I have, in conjunction with the Milk Inspector, made an examination of the various dairies; inspected poultry as it arrived at the railroad yards, and fruits brought to the city by transportation companies. Many thousands of pounds of shark, which were offered for sale as halibut, have been seized by my assistants and myself. In this particular case, the dealers were ignorant of the fact that they were violating the laws, as the law had never before been enforced.

Under the direction of your Honorable Board, the cows in the Alms House have been inspected, and thirty-one having been found to be afflicted with tuberculosis, were killed. Other ranches have been inspected and the cows subjected to the United States Tuberculin test. Where consumption has been found by the Milk Inspector and myself, the cattle have been condemned and killed.

I would respectfully call the attention of your honorable body to the present poor and inefficient laws governing this branch of the service. They are far below any of the various eastern cities in regard to the thorough inspection of meats and markets, and are lacking in all the essential points at present included in the market laws adopted by these Eastern cities. With a new set of laws, placing this city on a par with those in the east, my assistants and myself could do much more efficient service, in spite of the well known fact that it is almost an impossibility for such a small force to watch every point throughout the city suspected of being an ingress for poor meats. I would also recommend that the board pass an order prohibiting the hanging of meats outside of markets in this city. The reason for this is that the meats become impregnated with the dust from the streets, and in some cases, with the germs of disease. In the poorer sections of the city this is quite noticeable. Such regulations are now in force in Eastern cities.

All of which is respectfully submitted.

BEN. DAVIS,  
Market Inspector.



Total number of markets inspected during the year.....	2,861
Total number of restaurants inspected during the year.....	54
Total number of bakeries inspected during the year.....	12
Total number of vegetable stands inspected during the year.....	241
Total number of poultry places inspected during the year.....	123

We have made twenty-one arrests during the year, out of which seventeen were convicted; the others were dismissed on technicalities.

Respectfully submitted,

BEN DAVIS,

Chief Market Inspector.

J. L. RIVER,

A. D. TURNER,

WM. H. JORDAN,

Assistant Inspectors.

## HEALTH INSPECTORS' REPORTS.

## REPORT OF HEALTH INSPECTOR, DISTRICT No. 1.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I hereby submit my report for District No. 1 for the fiscal year ending June 30, 1896:

Number of complaints filed during year.....	696
Number of complaints abated.....	570
Number of complaints, no cause.....	93
Number of complaints referred to other departments .....	24
Number of complaints unabated .....	9
	696
Number of cases diphtheria reported .....	18
Number of cases scarlatina reported.....	12
	30
Number of fumigations.....	31

Respectfully submitted,

DAVID FAY,  
Health Inspector, District No. 1.

## REPORT OF HEALTH INSPECTOR, DISTRICT No. 2.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I hereby submit my report for District No. 2 for the fiscal year ending June 30, 1896:

Number of complaints filed during year.....	392
Number of complaints abated.....	275
Number of complaints, no cause.....	103
Number of complaints referred to other departments.....	14
	392



# TYPHOID FEVER.



Map showing localities of deaths from Typhoid Fever during Fiscal Year. Total number of Deaths, 101.

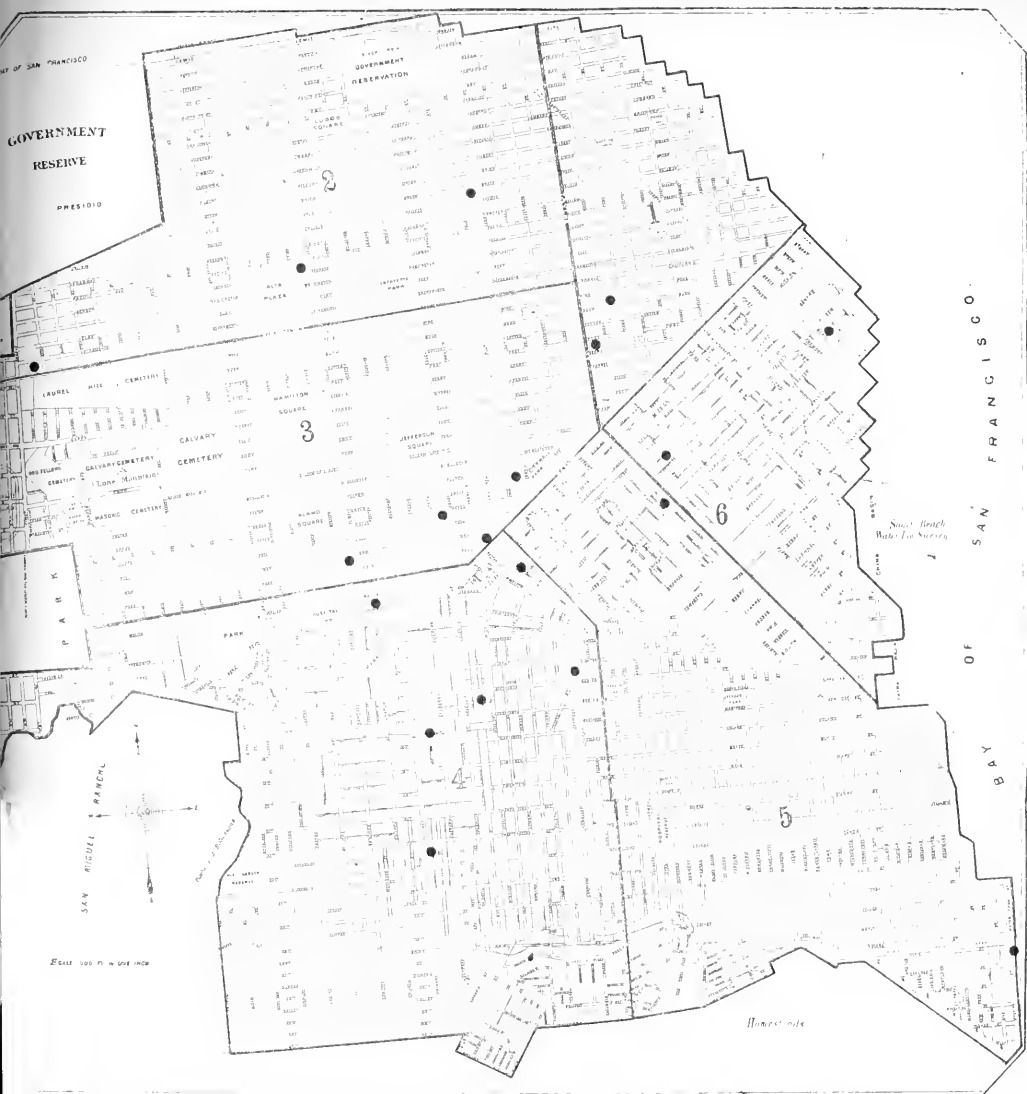
**FOLDOUT BLANK**

# SCARLATINA.



Map showing localities of deaths from Scarlatina during Fiscal Year. Total number of Deaths, 6.

# DIPHtheria.



Map showing localities of deaths from Diphtheria during Fiscal Year. Total number of Deaths, 19.

Number of cases diphtheria reported. ....	13
Number of cases scarlatina reported. ....	5
	<hr/>
	18
Number of fumigations. ....	18

Respectfully submitted,

OTTO LUDERS,  
Health Inspector, District No. 2.

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### REPORT OF HEALTH INSPECTOR, DISTRICT No. 3.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I hereby submit my report for District No. 3 for the fiscal year ending June 30, 1896:

Number of complaints filed during year. ....	620
Number of complaints abated. ....	492
Number of complaints, no cause. ....	85
Number of complaints referred to other departments. ....	29
Number of complaints unabated. ....	14
	<hr/>
	620
Number of cases diphtheria reported. ....	22
Number of cases scarlatina reported. ....	11
Number of cases of typhoid fever reported. ....	10
	<hr/>
	37
Number of fumigations. ....	37

Respectfully,

A. T. PATTON,  
Health Inspector, District No. 3.

It would appear on its face that, contrasting this report with that of my predecessor, the latter had accomplished much more. An examination of his reports on work done shows that he counted complaints of "dead anima's" and "contagious diseases" (amounting to much over one hundred in number) among the list of "complaints filed." In this report "dead anima's" are not noted, and contagious diseases are separate.—A. T. P.

## REPORT OF HEALTH INSPECTOR, DISTRICT No. 4.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco:*

GENTLEMEN: I hereby submit my report for District No. 4 for the fiscal year ending June 30, 1896:

Number of complaints filed during year.....	683
Number of complaints abated.....	532
Number of complaints, no cause.....	89
Number of complaints referred to other departments.....	41
Number of complaints unabated.....	21
	<hr/>
Number of cases diphtheria reported.....	28
Number of cases scarlatina reported.....	29
Number of cases typhoid fever reported.....	15
	<hr/>
Number of fumigations.....	72
Laundries examined and found in a sanitary condition (not included in above number of nuisances).....	56

Much time has been spent investigating hog rauches and getting them condemned, which has resulted in an ordinance passed by the Board of Supervisors removing them from certain limits six months from date of its passage.

Respectfully,

W. H. DUREN,  
Health Inspector, District No. 4.

## REPORT OF HEALTH INSPECTOR, DISTRICT No. 5.

[SAN FRANCISCO, July 1, 1896.]

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I herewith most respectfully submit my report for the fiscal year ending June 30, 1896.

It will be observed that in the tables given herein the statement of the work done between July 1, 1895, and August 15, 1895, is segregated. This was done for the reason that prior to August 15th (at which time I was installed), the records of my predecessor show nothing as to what was done in abating complaints, except the word "Abated," written across the original entry. I therefore deemed it expedient, in order to clearly show what had been done under the present administration, that such a segregation be made.

Of the 498 complaints filed from August 15, 1895, to July 1, 1896, 234, or about 45 per cent were filed at the Health Office by citizens, while 264, or about 55 per cent, were discovered by going out into the District and looking for them.

Of the 234 complaints filed by citizens 45 were anonymous, and 79 of them, or about 33 per cent, proved to be without sufficient cause for action; hence only about 37 per cent of the actual work done was initiated by the complaining citizen.

In classifying the complaints in Table No. 1, I have been obliged to be more or less arbitrary, as many complaints contain a number of items each; hence I have endeavored to group them under such terms as would most fully embrace the complaint. For instance, a complaint which enumerates a wooden sewer, an open privy vault, a sink not trapped and rotten planking in yard, would be placed under the term, "Defective Plumbing." In Table No. 3 these various items would be found under the appropriate headings, and while this table does not by any means include all the work done in abating the 471 complaints enumerated, it serves to show the nature and extent of said work.

During the period covered by this report, 20 arrests have been made, but in most cases the persons were allowed to go without prosecution, after they had complied with the rules.

A very important sanitary measure effected has been the draining of Mission Bay mud flats, situated south of Channel street and west of Kentucky street. A 24-inch iron pipe was put in by the Southern Pacific Company across Kentucky street, near Merrimac. This pipe is provided with a gate operated so as to draw off the stagnant water at low tide and admit the salt water at high tide.

## HEALTH OFFICER'S REPORT.

TABLE No. 1.

SHOWING TOTAL NUMBER OF COMPLAINTS FILED DURING THE YEAR,  
CLASSIFIED.

COMPLAINT	July 1, 1895, To Aug. 15, 1895.	Aug. 15, 1895, To July 1, 1896.	Total.
Defective plumbing.....	21	188	209
Open privy vaults.....		32	32
Defective drainage, sewers, etc.....	4	31	35
Filthy yards, basements, alleys, etc.....	16	28	44
Hogs, cows, dogs and poultry.....	10	27	37
No connection with street sewer.....		13	13
Water-closets out of order.....	7	13	20
Defective floors in China laundries.....		9	9
Manure.....	4	10	14
Dumping in vacant lots.....	4	6	10
Foul open vault.....		5	5
Garbage.....	1	8	9
Stagnant water.....		7	7
Filthy water-closets.....		5	5
Wooden sewers.....		5	5
Rotten planking in yards.....		4	4
Water in cellars.....		3	3
Water pipes leaking.....		2	2
No water in closets.....		2	2
Wooden ash and slop barrels.....		3	3
Defective gutters.....		2	2
Filthy urinal.....		1	1
Leaky roof.....		1	1
Filthy water-tank.....		1	1
Filthy rags.....		1	1
Old well.....		1	1
Odorless excavator barge.....		1	1
Bad drinking water.....		2	2
Dead animal.....		1	1
Street sewer foul.....	3		3
Sewer broke.....	7		7
Boneyard.....	2		2
No water-closets.....	2		2
No gutters.....	2		2
Cause not stated.....	1		1
Complaints referred to Street Department.....		7	7
Complaints for which there was no cause.....		79	79
Totals.....	84	498	582



TABLE No. 2.

GIVING LOCATION OF BUILDINGS IN WHICH THE PLUMBING HAS BEEN ENTIRELY, OR ALMOST ENTIRELY, RECONSTRUCTED UNDER THE DIRECTION OF THE HEALTH DEPARTMENT, IN DISTRICT No. 5, FROM AUGUST 15, 1895, TO JULY 1, 1896.

LOCATION.	STYLE OF BUILDING.
1153 Harrison.....	3-tenement house.
123 Ninth .....	Fruit store and flat above.
618 Sixth.....	2-tenement house.
1062-1064 Howard.....	4-tenement house.
1055½-1055½ Folsom.....	Store and dwelling.
120-124 Eighth.....	Stores and tenements.
139 Clara .....	2-tenement house.
737-739 Tehama.....	2-tenement house.
934-934½ Harrison .....	Kindergarten and tenement above.
928-932 Harrison .....	Stores with tenements above.
645 Natoma.....	Front and rear houses, five or six tenements.
5 Thirteenth avenue South.....	Dwelling.
6 Thirteenth avenue South.....	Dwelling.
7 Thirteenth avenue South.....	Dwelling.
8 Thirteenth avenue South.....	Dwelling.
926 Thirteenth avenue South .....	Dwelling.
932 Thirteenth avenue South .....	Dwelling.
928 Thirteenth avenue South .....	Dwelling.
930 Thirteenth avenue South .....	Dwelling.
N street South and Railroad avenue.....	Dwelling.
1055 Mission.....	Rooming house.
40-42 Clinton.....	Double dwelling.
44 Clinton .....	Dwelling.
38 Clinton .....	Dwelling.
36 Clinton .....	Dwelling.
24-24½ Garden.....	Tenement house.
Seventeenth and Bryant.....	Two dwellings.
131-131½ Utah .....	Double dwelling.
308 Brannan.....	Dwelling.
909-911 Twelfth avenue South.....	Double dwelling.

TABLE No. 2—CONTINUED.

LOCATION,	STYLE OF BUILDING.
905 Twelfth avenue South.....	Dwelling.
915 Twelfth avenue South.....	Dwelling.
927 Twelfth avenue South.....	Dwelling.
929 Twelfth avenue South.....	Dwelling.
935 Twelfth avenue South.....	Dwelling.
943 Twelfth avenue South.....	Dwelling.
931 Twelfth avenue South.....	Dwelling.
219-219½ Eleventh.....	Store with two tenements above.
126-126½ Langton.....	Double dwelling.
1143 Mission.....	2-tenement house.
567 Minna.....	6-tenement house.
126 Utah.....	Dwelling.
124 Utah.....	Dwelling.
1018-1050 Howard.....	Large rooming-house.
20 Manning place.....	Tenement.
715 Natoma.....	Store with four tenements above.
1007-1013 Railroad avenue.....	Stores with tenements above.
134-136 Seventh and 607-609 Natoma.....	Livery stable and tenements above.
22-24 Geneva.....	Double dwelling.
710 Pine.....	3-story dwelling (special).
10 Dore.....	Dwelling.
137-137½ Dore.....	4-tenement house.
920 Brannau.....	4-tenement house.
321 Jessie.....	2-tenement house.
221-225 Langton.....	Six tenements.
137-137½ Dore.....	4-tenement house.
Potrero, between El Dorado and Alameda.....	Dwelling.
12 Boyd.....	Dwelling.
9 Boyd.....	Dwelling.
802 Fifteenth avenue South.....	Store and flat above.

TABLE No. 2—CONCLUDED.

LOCATION.	STYLE OF BUILDING.
Tehama, between Ninth and Ninth..... A complete system of drainage put in beneath the floors.	Hibernia Brewery Stables.

The foregoing does not include anything done prior to August 15, 1895, as the records kept by my predecessor fail to show what was done.

TABLE No. 3.

141 sinks trapped.	20 houses connected with street sewers.
72 open privy vaults removed.	17 new side sewers put in.
83 new patent water-closets put in.	6 open privy vaults cleaned.
38 wooden sinks removed or lined.	6 yards newly planked.
23 new metal sinks put in.	7 new cement floors in China laundries.
43 new slop-hoppers put in.	127 cows removed outside the limits.
18 wooden sewers removed.	422 swine removed outside the limits.

TABLE No. 4.

(Usual form of report.)

Number of complaints filed during year.....	532
Number of complaints abated.....	471
Number of complaints for which there was no cause.....	79
Number of complaints referred to other departments....	7
Number of complaints unabated.....	25
<b>Total .....</b>	<b>582</b>
Number of cases diphtheria reported.....	10
Number of cases scarlet fever reported.....	7
<b>Total .....</b>	<b>17</b>
Number of fumigations .....	13

TABLE No. 5.

HOG RANCHES REMOVED FROM WITHIN LIMITS WHEREIN  
TO KEEP SWINE IS UNLAWFUL.

NAME.	LOCATION.	NUMBER OF SWINE.
Jacob Breithaupt.....	Yolo and Connecticut.....	150
Kaspar Heinlen .....	Yolo and Connecticut.....	14
Jacob Sutter .....	Yolo and Connecticut.....	60
Katherine Logan.....	Army and Texas .....	20
Henry Huybrechts.....	Army and Mississippi.....	15
Magdalen Asylum .....	Potrero avenue.....	40
George Patterson .....	Army and Missouri.....	10
Thomas Mullen .....	Twenty-third and Vermont.....	12
James Reynolds .....	Army and DeHaro.....	6
George Nicholas.....	Nebraska near Army.....	9
Italians.....	San Bruno road near Fifteenth avenue.....	50
George Sullivan.....	Army near San Bruno road.....	2
Lum Lee Pong.....	Sonoma and Tennessee.....	20
M. Barnett .....	Ninth and Harrison.....	2
James Gately.....	301 Sierra .....	12
		422

In conclusion I desire to thank the Members of the Honorable the Board of Health, Health Officer Dr. A. S. Lovelace and my fellow employees in the Health Department for the universal kindness and courtesy which they have shown me during the time I have had the pleasure to be with them.

Very respectfully,

A. B. KINNE,

Health Inspector, District No. 5.

## REPORT OF HEALTH INSPECTOR, DISTRICT No. 6.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health**Of the City and County of San Francisco—*

GENTLEMEN: I hereby submit my report for District No. 6 for the fiscal year ending June 30, 1896:

Number of complaints filed during year.....	595
Number of complaints abated.....	361
Number of complaints, no cause.....	214
Number of complaints referred to other departments.....	22
Number of complaints unabated.....	8
	<hr/>
	595
Number of buildings condemned.....	1
Number of cases diphtheria reported.....	16
Number of cases scarlatina reported.....	38
Number of cases membranous croup.....	1
Number of cases typhoid fever.....	3
	<hr/>
	63
Number of fumigations.....	58

Respectfully,

GEORGE H. STOUT,  
Health Inspector, District No. 6.

## REPORT OF CITY BACTERIOLOGIST.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health**Of the City and County of San Francisco—*

GENTLEMEN: The annual report of your Bacteriologist will comprise a brief resumé of the work performed by him during the nine months of his incumbency, and certain recommendations for the better and more efficient conduct of this branch of the Health Department.

The reports rendered during the period previous to the issuance of the improved form of monthly report were not obtainable; hence it is not possible to give them more in detail than to state that the work consisted chiefly in the examination, microscopically, qualitatively and quantitatively, of between fifty and one hundred samples of milk seized by the Milk Inspector, Mr. Dockery. As a result, the findings in the majority of the specimens were the chief evidence in securing the conviction and punishment of the purveyors of impure and adulterated milk.

Various specimens of suspected food products, chiefly meat or diseased animal tissues, submitted by the Market Inspector, Mr. Davis, were also examined. An examination of the drinking water from the various sources of supply, as well as a personal inspection of the manner and method of its collection and distribution, was made and duly submitted to your Honorable Board.

Owing to the fact that the Health Department possesses absolutely nothing in the way of equipment for bacteriological work, the incumbent has availed himself of the generous courtesy of Dr. M. Herzstein, of this city, in the use of his bacteriological laboratory for the preparation of the various culture-media and access to the necessary apparatus for the carrying on of bacteriological examination. The complete equipment of this laboratory has placed no restriction on the labors of your Bacteriologist. Various advisory communications relative to the use of tuberculin and the establishment of stations for the distribution of the materials for the accurate diagnosis of diphtheria, both by letter and in person at Board meetings, are also on file.

Fortunately, our city is remarkably free from that dread scourge of infancy, diphtheria. There is a sufficient number of cases, however, to warrant the equipment of distributing points for sterilized swabs, a printed list of which should be sent to every physician in the city and county; thus the least possible time will be lost between the discovery of a suspected case of diphtheria and the absolute and positive bacteriological diagnosis, either affirmative or negative. By way of comparison, the Bacteriological Division of the Health Department of New York city is regarded as one of the most important, if not the most important, branch of the service.

Ample appropriation is made, commensurate with the recognized invaluable aid of the Bacteriological Department, in supervising the hygiene of the city. The appropriation for that department alone amounts to nearly, if not quite, as much as that for the entire Health

Department of this city. It is to be acknowledged that New York city possesses an ideal equipment in this department, including numerous laboratory assistants and a plant for the manufacture of antitoxins of various kinds.

San Francisco, with a population of close to 400,000, can hardly afford to rest quietly beneath the opprobrium of being absolutely unequipped in a branch of its Health Department so essential to the intelligent supervision over the hygiene of the city. The Bacteriological Division of New York's Health Department has recently succeeded in producing a tetanus antitoxin for successfully combating the results of infection with the tetanus bacillus. They have also prepared a diphtheria antitoxin of much greater antitoxic power than that ordinarily obtainable. These few data are cited by way of comparison and with the sole object of increasing the efficiency of the Health Department. A completely equipped laboratory could be established at a maximum cost of \$1,000.

Since it has become a well established fact that one of the principal agencies in the spread of tuberculosis consists in the inhalation of the dried and pulverized sputum from tuberculous individuals, on the part of others who are either predisposed or in a receptive condition, it becomes necessary to restrict the "expectoration habit." In New York city, expectoration in public conveyances is prohibited; in St. Louis there is the same prohibition, fortified by a warning and subsequent arrest and punishment for what is now classified as a misdemeanor. Among the many cities and towns which have taken a stand on this matter is our neighboring city of Alameda. Surely we cannot afford to be outdone in a question of so great sanitary importance as this by Alameda? If tuberculous individuals, or those whose catarrhal expectorations are a source of danger and disgust to the community, are willfully or ignorantly unmindful of the safety and sensibilities of their fellow-citizens, it seems proper that the Board of Supervisors should be advised by your Honorable Board of the danger lurking in this habit, and the necessary enactment promulgated to check the same, and thus aid in minimizing the sources of contagion from tuberculosis.

With all due modesty, it may be proper to state that some of the valuable results thus far attained by your Honorable Board looking to the purification of the food supply would not have been possible without the co-operation of one versed in the use of the microscope and the necessary technical knowledge.

In conclusion, I wish to express to your Honorable Board my deep appreciation of the confidence reposed in me. It shall always be my endeavor to be in every way worthy of its continuance, and to exert myself to second your efforts on behalf of the city's hygienic welfare, to the best of my ability.

Respectfully submitted,

JOHN C. SPENCER, M.D.,  
City Bacteriologist.

## CHEMIST'S REPORT.

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*To the Honorable Board of Health*

*Of the City and County of San Francisco*

GENTLEMEN: Herewith as Chemist to your Honorable Body I beg to make the following statement to embody in your annual report:

That during the past fiscal year I have analyzed thirteen (13) samples of water at your request, a report of which has been submitted to you. Also, analyzes of twelve samples of Fruit Jellies obtained from Eastern, Local and Domestic make, a report of which has also been placed in your hands. I have not been idle in prosecuting the matter of Fruit Jellies, and have found Lemon and Pineapple Jellies, which do not contain a trace of these fruits, together with other jellies manufactured from decayed fruit, the decomposition products of which I deem a menace to health. I would recommend that a chemical and microscopical analysis of other articles of food be instituted to embrace such articles of food, many of which are adulterated to an alarming extent, together with Liquors, Wines and Drugs.

In order to do this work thoroughly a Laboratory, suitably equipped to do such work, is an absolute necessity.

Respectfully submitted,

W. T. WENZELL.



## CITY CEMETERY SUPERINTENDENT'S REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health**Of the City and County of San Francisco—*

GENTLEMEN: I have the honor of submitting for your consideration my annual report for the fiscal year ending June 30, 1896.

Of the several societies having burial plots in the City Cemetery, there have been interred as follows :

From Italian M. B. Society.....	178	From Grand Army of Republic.....	13
" French " " .....	19	" Colored O. F. M. B. Soc. . . . .	2
" German " " .....	13	" Old Friends.....	2
" Jewish " " .....	26	" Select plat.....	140
" Slavonic " " .....	2	" Indigent dead.....	460
" St. Andrew's " .....	5	" Chinese Six Companies.....	539
" Russian " .....	12	" Japanese.....	15
" L. Seaman " .....	2		
Total interments for the year.....			1,434

## DISINTERMENTS.

White.....	35
Chinese.....	313
Total disinterments for the year.....	348

Very respectfully,

J. O'KANE,

Sup't City Cemetery.

## DISINTERMENT INSPECTORS' REPORT.

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SAN FRANCISCO, July 1, 1896.

*To the Honorable Board of Health*

*Of the City and County of San Francisco—*

DEAR SIR: We respectfully submit our report of disinterments and removals for the fiscal year ending June 30, 1896:

Disinterments took place at the following cemeteries, viz.:

City (white).....	36	Home of Peace.....	84
City (Chinese) .....	313	Giboth Olam .....	544
Laurel Hill (white).....	41	Mission Dolores .....	13
Laurel Hill (Chinese) .....	5	National.....	1
I.O.O.F. ....	59	Angel Island.....	1
Calvary .....	102		
Masonic. ....	34		
		Total .....	1,233

Removals were as follows, viz.:

City .....	6	St. Paul, Minn.....	1
Laurel Hill .....	15	Niles, Mich.....	1
I.O.O.F.....	8	Cincinnati, Ohio.....	1
Masonic .....	11	New York City, New York....	1
Calvary .....	1	Worcester, New York.....	1
San Mateo County—		Tarrytown, New York.....	1
Cypress Lawn.....	65	Wisconsin.....	1
Holy Cross.....	109	New Bedford, Massachusetts..	1
New Salem.....	35	Northampton, Massachusetts..	1
Home of Peace.....	85	Massachusetts.....	1
Hills of Eternity.....	513	Chicago, Ill.....	1
Oakland. ....	27	New Orleans, La.....	1
San Jose.....	1	Philadelphia, Penn.....	1
Los Angeles.....	2	St. Louis, Mo.....	1
Sacramento .....	1	Kansas City, Mo.....	1
Stockton. ....	1	Lowell, Massachusetts.....	1
Valley Springs.....	2	Nashville, Tenn.....	1
Santa Clara.....	2	Wasica, Minn.....	1
San Diego.....	2	Middleberg, Va.....	1
Vallejo.....	1	Honolulu, H. I.....	1
St. Helena.....	3	Masonic Temple and return to	
Monterey .....	1	Laurel Hill.....	
Bandon, Oregon.....	1	China .....	318
Virginia City, Nev.....	1		
Nevada.....	1	Total.....	1,233

In addition to the supervision of the above disinterments and removals, we have inspected the vaults in the various cemeteries throughout the year, and have found them all in excellent condition.

Respectfully,

A. K. HAPERSBERGER, M. D.,  
 RICHARD M. JONES,  
 Disinterment Inspectors.

## QUARANTINE OFFICER'S REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health*

*Of the City and County of San Francisco—*

GENTLEMEN: I have the honor to submit the following report for the fiscal year ending June 30, 1896:

MONTH.	NUMBER OF VESSELS.	DUES.	RECEIPTS.
1895.			
July .....	60	\$400 00	\$400 00
August.....	57	405 00	405 00
September . . . . .	75	532 50	532 50
October .....	55	397 50	397 50
November.....	84	627 50	627 50
December ... ..	49	367 50	367 50
1896.			
January .....	77	542 50	542 50
February .....	65	407 50	407 50
March.....	73	487 50	487 50
April.....	72	490 00	490 00
May.....	57	350 00	350 00
June .....	59	357 50	357 50
Total.....	783	\$5,365 00	\$5,365 00

# QUARANTINE OFFICER'S REPORT.

87

## EXPENSES QUARANTINE DEPARTMENT FOR THE FISCAL YEAR 1895-96.

MONTHS.	Salaries.....	Reporting Vessels.....	Printing and Stationery.	Work and Materials....	Telephone Rent.....	Rent .....	TOTAL.
1895.							
July .....	\$445 00	\$20 00	\$4 40	\$31 25	\$17 50	\$40 00	\$558 15
August.....	445 00	40 00	.....	27 63	.....	40 00	552 63
September.....	445 00	20 00	.....	69 92	.....	40 00	574 92
October .....	495 00	20 00	10 65	177 95	51 65	40 00	795 25
November.....	495 00	20 00	12 40	428 12	19 45	40 00	1,014 97
December.....	495 00	20 00	.....	44 53	.....	40 00	599 53
1896.							
January.....	495 00	20 00	.....	84 45	.....	40 00	639 45
February.....	495 00	20 00	2 85	83 43	39 35	40 00	680 63
March.....	495 00	20 00	6 00	16 61	.....	40 00	577 61
April.....	495 00	20 00	28 50	73 55	19 80	40 00	676 85
May.....	495 00	20 00	.....	.....	.....	40 00	555 00
June.....	495 00	20 00	.....	2 55	60 05	40 00	617 60
Totals.....	\$5,790 00	\$260 00	\$64 80	\$1,039 99	\$207 80	\$480 00	\$7,812 59

Very respectfully,

W. P. CHALMERS, M. D., Quarantine Officer.

## CITY PHYSICIAN'S REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health**Of the City and County of San Francisco—*

GENTLEMEN: I have the honor herewith to present the annual report of the City Physician for the fiscal year ending June 30, 1896.

## INDIGENT SICK.

MONTH.	Number Cases Treated.....	Sent to City and County Hospital.....	Died.....
1895—July.....	14	2	...
August.....	12	2	...
September.....	10	3	...
October.....	3		...
November.....	10	2	...
December.....	13	1	...
1896—January.....	15	3	...
February.....	14	2	...
March.....	10	4	...
April.....	10	1	...
May.....	10	3	...
June.....	2	1	...

Total number of cases sent to City and County Hospital..... 24

Total number of cases treated during the year..... 123

## NATIVITY OF CASES TREATED.

## UNITED STATES.

California .....	18	Pennsylvania.....	4
Georgia .....	3	Oregon.....	3
Montana .....	3	Maryland .....	1
Illinois.....	4	Iowa.....	1
Massachusetts .....	3	Michigan.....	1
Maine.....	3	Rhode Island.....	1
New York.....	10		—
Missouri .....	2	Total .....	47

## FOREIGN.

Germany.....	10	Australia .....	2
Ireland .....	25	Sweden .....	1
India.....	1	Canada .....	4
Roumania.....	1	Nova Scotia.....	2
Austria.....	2	Italy .....	1
Armenia .....	1	Unknown .....	3
England .....	9		—
Total.....			62

## PERSONS TREATED AT COUNTY JAIL No. 1.

## BROADWAY STREET.

1895—July.....	31	1896—January.....	89
August.....	27	February.....	130
September.....	47	March.....	101
October.....	114	April.....	203
November.....	203	May.....	135
December.....	174	June .....	125
Total .....			783

## DISEASES TREATED AT TWENTY-SIXTH STREET HOSPITAL.

NAME OF DISEASE.	MALE.	FEMALE.
Leprosy .....	13	1
Syphilis .....	3	.....
Paraplegia .....	2	.....
Cancer .....	1	.....
Knife wound of throat .....	1	.....
Phthisis .....	1	.....
Total number of cases treated .....		22
Discharged .....		2
Sent to Almshouse .....		1
Died .....		3
Remaining in Hospital .....		16
		<hr/> 22 22

I would respectfully call the attention of your Honorable Body to the dilapidated and unhealthful condition of the Twenty-sixth Street Hospital.

Time and again the City Physician's office has called the public attention to this institution, which is a disgrace to the civilized community in which we live. Years have rolled by, and time and weather have so wrecked the hospital buildings that repair is impossible, and our only alternative is a new hospital for the poor, unfortunate inmates of this institution.

Its present situation is anything but conducive to good health, for the reason that it is surrounded by filthy swamps, into which some of our sewers enter, and the effluvia is deadly.

In justice to the unfortunate outcasts who are obliged to occupy this hospital, I would recommend that your Honorable Body take some steps towards the building of a new one for contagious diseases.

Respectfully submitted,

A. P. O'BRIEN, M. D.,

City Physician.



## ASSISTANT CITY PHYSICIAN'S REPORT.

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SAN FRANCISCO, July 1, 1896.

*To the Honorable Board of Health*

*Of the City and County of San Francisco—*

GENTLEMEN: I have the honor of submitting for your consideration the following annual report of the City Receiving Hospital, for the fiscal year ending June 30, 1896.

The number of cases admitted from June 30, 1895, to June 30, 1896, was 6,549, averaging 545.8 a month. 456 of these cases were insane. The slight decrease of 155 cases, against the previous year, is readily explained by the smaller number of insane (456 against 521), and the strict observance of the rule to refer cases of long standing, and not in immediate danger to the various polyclinics.

Of the proposed and necessary improvements, but few could be carried out. A more spacious room on the first floor was acquired for the surgeons on duty, and preparations have been made to change the former surgeons' room into a second operating room. The surgical outfit for the latter, however, and the badly needed instruments could not be obtained for the want of necessary funds. For the same reason all efforts to procure healthier and more appropriate accommodations for the insane have proved futile, and also has it been impossible to replenish our most deficient stock of bedding and furniture.

Very respectfully,

DR. CONRAD WEIL.

CLASSIFIED LIST OF AILMENTS AND INJURIES TREATED AT THE CITY RECEIVING  
HOSPITAL DURING THE FISCAL YEAR ENDING JUNE 30, 1896.

Abrasions of arms, hands and fingers....	91	Bright's disease.....	1
Abrasions of body, neck and shoulders..	11	Bursitis .....	3
Abrasions of face, head, eye and ear....	99	Births.. . . . .	6
Abrasions of foot, thigh, leg and toes....	40	Bronchitis .....	7
Abscess of arms, hands, fingers and shoulders .....	7	Burns of head .....	7
Abscess of face, neck, head, ear and eye.	9	Burns of face.....	29
Abscess of foot, leg, toes and groin.....	1	Burns of ears.....	7
Abscess of mouth and jaw.....	1	Burns of eyes.....	14
Abscess of axilla .....	2	Burns of throat.....	4
Apoplexy.....	19	Burns of neck.. . . .	10
Alcoholism.....	326	Burns of shoulders.....	5
Amnesia .....	2	Burns of body and back.....	17
Amputations of arm.....	3	Burns of arms, hands and fingers .....	116
Amputations of hands.....	1	Burns of legs.....	15
Amputations of foot.....	2	Burns of feet.....	6
Amputations of fingers and thumbs.....	92	Burns of toes .....	10
Amputations of legs.....	1	Bubo.....	2
Amputations of toes.....	12	Brought in dead . . . . .	14
Asthma .....	12	Carbuncle.....	4
Asphyxiation by gas.....	17	Catalepsy .....	3
Asphyxiation by smoke.....	2	Catarrh .....	1
Aneurism of aorta.....	1	Cellulitis.....	9
Appendicitis. . . . .	1	Chills and fever.....	3
Abortion, accidental....	1	Colic (intestinal) .....	15
Abortion .....	2	Congestion of liver.....	2
Anus imperforatus.....	1	Conjunctivitis.....	9
Angina pectoris .....	3	Concussion of brain.....	6
Bites of dog.....	47	Concussion of spine.....	2
Bites of monkey... . . . .	2	Constipation.....	1
Bites of tarantula.....	1	Contusion of arm, hand, wrist and elbow.	128
Bites of horse.....	2	Contusion of body, back and breast.....	48
Bites of centiped .....	1	Contusion of eyes, face, forehead, nose and lips .....	103

## DISEASES TREATED AT THE RECEIVING HOSPITAL—CONTINUED.

Contusion of head, scalp and ear.....	25	Epistaxis.....	6
Contusion of fingers and toes.....	40	Eczema.....	7
Contusion of neck and shoulder.....	35	Elongated uvula.....	1
Contusion of leg, foot, ankle and knee.....	131	Examination for rape.....	25
Contusion of hip, groin, thigh, side and abdomen.....	87	Examination for sodomy.....	5
Contusion of spine.....	1	Foreign body in arm.....	7
Cramps.....	13	Foreign body in hand.....	21
Cystitis.....	1	Foreign body in finger.....	46
Debility.....	52	Foreign body in throat.....	34
Dyspepsia.....	2	Foreign body in body.....	1
Dermatitis.....	3	Foreign body in back.....	3
Diarrhœa.....	4	Foreign body in leg.....	6
Dropsy.....	2	Foreign body in foot.....	10
Dysentery.....	1	Foreign body in face.....	1
Dislocation of ankle.....	3	Foreign body in nose.....	7
Dislocation of clavicle.....	2	Foreign body in ear and mouth.....	11
Dislocation of finger.....	22	Foreign body in eye.....	157
Dislocation of elbow.....	15	Felon.....	6
Dislocation of jaw.....	2	Furuncle.....	2
Dislocation of metacarpal.....	6	Fistula.....	1
Dislocation of radius.....	1	Foundling.....	3
Dislocation of ulna.....	2	Fever, typhoid.....	9
Dislocation of hip.....	3	Fracture of ankle.....	12
Dislocation of shoulder.....	50	Fracture of astragalus.....	3
Dislocation of wrist.....	4	Fracture of clavicle.....	37
Dislocation of patella.....	1	Fracture of calcaneus.....	3
Dislocation of humerus.....	1	Fracture (Colle's).....	37
Deaths.....	107	Fracture of carpal.....	2
Earache.....	3	Fracture of femur.....	25
Epilepsy.....	131	Fracture of elbow.....	5
Erysipelas.....	6	Fracture of external condyle.....	3
		Fracture of internal condyle.....	3
		Fracture of femur (compound).....	1

## DISEASES TREATED AT THE RECEIVING HOSPITAL—CONTINUED.

Fracture of femur (compound, comminuted).....	2	Fracture of tarsus .....	1
Fracture of fibula (compound).....	20	Fracture of toes.....	21
Fracture of fibula (compound, comminuted).....	6	Fracture of skull (possible).....	21
Fracture of humerus (compound).....	4	Fracture of skull.....	45
Fracture of tibia (compound).....	29	Fracture of spinal column.....	4
Fracture of tibia (compound, comminuted).....	4	Fracture, impacted.....	1
Fracture of radius (compound).....	6	Fracture of tibia and fibula .....	14
Fracture of ulna (compound).....	5	Fracture of vertebra.....	1
Fracture of fibula.....	30	Fracture of zygoma.....	3
Fracture of tibia.....	45	Gastritis.....	2
Fracture of humerus.....	37	Gunshot wound of abdomen .....	4
Fracture of finger.....	39	Gunshot wound of finger and thumb.....	5
Fracture of finger (compound).....	9	Gunshot wound of head .....	12
Fracture of maxilla (inferior).....	15	Gunshot wound of chin.....	2
Fracture of maxilla (superior).....	4	Gunshot wound of mouth.....	4
Fracture of malleolus.....	2	Gunshot wound of face.....	2
Fracture of metacarpal bones.....	29	Gunshot wound of breast.....	9
Fracture of metatarsal bones.....	6	Gunshot wound of back.....	3
Fracture of acromion process.....	1	Gunshot wound of side.....	5
Fracture of nasal bones.....	44	Gunshot wound of arm.....	5
Fracture of patella.....	6	Gunshot wound of neck.....	3
Fracture of radius.....	35	Gunshot wound of hand.....	12
Fracture of ulna.....	19	Gunshot wound of leg.....	12
Fracture of pelvis.....	6	Gunshot wound of thigh .....	1
Fracture of os calcis.....	1	Gunshot wound of foot.....	1
Fracture (Pott's).....	19	Gunshot wound of shoulder.....	1
Fracture of radius and ulna.....	5	Hæmoptysis.....	1
Fracture of radius and ulna (compound).....	5	Hernia.....	11
Fracture of ribs.....	67	Hemorrhoids .....	3
Fracture of scapula.....	14	Hysteria.....	13
		Heart Disease.....	15
		Haematoma.....	2
		Hemorrhage of ear.....	9

## DISEASES TREATED AT THE RECEIVING HOSPITAL—CONTINUED.

Hemorrhage of lungs.....	11	Poisoned by aconite.....	4
Hemorrhage of penis.....	1	Poisoned by carbolic acid.....	15
Hemorrhage of subcutaneous.....	1	Poisoned by chloral hydrate .....	1
Internal injuries.....	32	Poisoned by cheese.....	3
Insomnia.....	2	Poisoned by cannabis indica.....	1
Influenza.....	1	Poisoned by chloroform.....	6
Inflammation of knee, leg and foot.....	4	Poisoned by iodine.....	1
Inflammation of eye.....	4	Poisoned by cocaine.....	3
Inflammation of breast.....	1	Poisoned by creosote.....	1
Inflammation of tendon.....	1	Poisoned by lead .....	1
Insanity .....	456	Poisoned by arsenic.....	8
Jaundice.....	1	Poisoned by morphine.....	39
Lumbago.....	4	Poisoned by opium .....	14
Lipoma.....	1	Poisoned by strychnia.....	2
Lymphangitis.....	1	Poisoned by rat poison.....	1
Lost.....	4	Poisoned by poison oak.....	3
Mayhem .....	16	Poisoned by oxalic and nitric acid.....	1
Malaria.....	24	Poisoned by quinine .....	1
Miscarriage.....	2	Poisoning (suspected).....	1
Mumps.....	1	Pneumonia.....	3
Melancholia .....	2	Pleurisy.....	7
Neuralgia .....	4	Pregnancy .....	15
Nervous prostration.....	1	Prolapsus recti.....	1
Nephritis.....	1	Phymosis.....	1
Neglect .....	6	Retention of urine.....	27
Neurasthenia.....	1	Rheumatism.....	13
Œdema .....	2	Rupture of arteries.....	1
Orchitis .....	2	Rupture of ligaments.....	12
Paralysis.....	6	Rupture of cornea .....	1
Phlegmon.....	39	Rupture of urethra.....	5
Phthisis.....	12	Sprain of ankle.....	79
Paraphimosis.....	1	Sprain of arm.....	12
Potts' disease.....	1	Sprain of back.....	13

## DISEASES TREATED AT THE RECEIVING HOSPITAL—CONCLUDED.

Sprain of elbow.....	21	Varicose veins .....	8
Sprain of finger.....	17	Vertigo.....	2
Sprain of foot .....	12	Wounds of abdomen.....	15
Sprain of groin.....	1	Wounds of axilla.....	1
Sprain of toe.....	1	Wounds of arm and elbow.....	102
Sprain of hand .....	26	Wounds of back and body.....	31
Sprain of hip.....	4	Wounds of breast and chest.....	23
Sprain of knee.....	12	Wounds of eye and eyebrow.....	365
Sprain of leg.....	8	Wounds of ear.....	58
Sprain of neck .....	2	Wounds of chin.....	63
Sprain of shoulder.....	29	Wounds of face and cheek.....	166
Sprain of thumb .....	15	Wounds of fingers and thumbs.....	525
Sprain of wrist.....	110	Wounds of forehead.....	237
Submersion.....	42	Wounds of foot .....	55
Syncope.....	13	Wounds of knee.....	15
Sarcoma.....	2	Wounds of hip and thigh .....	4
Synovitis.....	15	Wounds of hand.....	330
Syphilis .....	7	Wounds of leg.....	53
Spasm of diaphragm.....	5	Wounds of lip.....	129
Scabies.....	1	Wounds of neck.....	35
Shock .....	14	Wounds of nose.....	110
Tonsilitis.....	2	Wounds of penis, testicle and scrotum..	6
Tooth extracted .....	55	Wounds of rectum .....	1
Thecitis.....	3	Wounds of side., .....	11
Toothache.....	6	Wounds of shoulder.....	6
Trichiasis.....	1	Wounds of throat.....	3
Tetanus.....	1	Wounds of thigh .....	6
Ulcer of arm and hand.....	2	Wounds of toe.....	38
Ulcers of foot, leg and knee.....	20	Wounds of tongue.....	4
Ulcer of face and head .....	1	Wounds of wrist.....	86
Ulcer of body.....	1	Wounds of scalp.....	875
Ulcerated tooth.....	1		

LIST OF DEATHS IN THE RECEIVING HOSPITAL DURING THE  
YEAR ENDING JUNE 30, 1896.

DATE OF ADMISSION.	NAME.	DATE OF DEATH.	CAUSE OF DEATH.
1895—July 5.....	Geo. Campbell.....	1895—July 12.....	Carbolic acid poisoning.
July 6.....	Wm. Armstrong.....	July 6.....	Morphia poisoning.
July 6.....	Annie McFadden.....	July 7.....	Supposed poisoning.
July 12....	Chung Wai.....	July 13.....	Gunshot wound of abdomen.
July 14....	Mr. Benz.....	July 14....	Brought in dead.
July 24....	D. Johnson.....	July 23.....	Gunshot wound of side.
July 24....	Jas. Horoes.....	July 25.....	Incised wound of leg & del. trem's
July 31....	Mrs. L. A. Willett.....	July 31.....	Alcoholism.
Aug. 2.....	Kate Morrison.....	Aug. 2.....	Morphia poisoning.
Aug. 2.....	Jeremiah Griffin.....	Aug. 2.....	Brought in dead.
Aug. 6.....	Wm. Gregory.....	Aug. 7.....	Asphyxiation by gas.
Aug. 9.....	Chas. Eskey.....	Aug. 9.....	Morphia poisoning.
Aug. 10....	Yup Dock.....	Aug. 12....	Fracture of skull, lac. wound scalp
Aug. 13....	Thos. Sanford.....	Aug. 14....	Fracture of skull, etc.
Aug. 14....	Enquish.....	Aug. 14....	Fracture of skull, etc.
Aug. 16....	F. F. Thurston.....	Aug. 17....	Fever.
Aug. 20....	T. Chamberlain.....	Aug. 20....	Gunshot wound of forehead.
Aug. 21....	Wm. Mason.....	Aug. 21 ...	Brought in in a dying condition.
Aug. 22....	Jos. Steele, boy.....	Aug. 24....	Burns of body, legs and face.
Aug. 29....	F. Husing.....	Aug. 29....	Two gunshot wounds of side.
Aug. 30....	P. Heney.....	Aug. 31....	Internal injuries—Hernia.
Sept. 5.....	S. G. Palmer.....	Sept. 6.....	Internal injuries, etc.
Sept. 7.....	John Doe.....	Sept. 8.....	Apoplexy.
Sept. 8.....	John Dray.....	Sept. 8.....	Brought in dead.
Sept. 8.....	Richard Hayward.....	Sept. 9.....	Carbolic acid poisoning.
Sept. 17....	Andrew Hansen.....	Sept. 17....	Internal injuries, etc.
Sept. 23....	Mrs. C. E. De Long.....	Sept. 23 ...	Apoplexy.
Sept. 24....	Mrs. E. Rosenkranz.....	Sept. 24....	Apoplexy.
Sept. 23....	Thomas Henderson.....	Sept. 28....	Gunshot wound of abdomen.
Sept. 23....	J. Young.....	Sept. 29....	Fracture of skull, etc.
Oct. 3.....	J. S. Stevens.....	Oct. 4.....	Morphia poisoning.

## HEALTH OFFICER'S REPORT.

## LIST OF DEATHS IN THE RECEIVING HOSPITAL—CONTINUED.

DATE OF ADMISSION.	NAME.	DATE OF DEATH.	CAUSE OF DEATH.
1895—Oct. 3.....	Jas. McShain.....	1895—Oct. 10....	Delirium tremens.
Oct. 7.....	Chas. R. Moodey.....	Oct. 8.....	Gunshot wound of breast.
Oct. 8.....	Chas. F. Pickins.....	Oct. 8.....	Apoplexy.
Oct. 9.....	Mrs. Marion Lewis.....	Oct. 19.....	Pregnancy.
Oct. 10.....	Geo. Brower. ....	Oct. 11.....	Fracture of skull.
Oct. 11.....	Chas. Manna.....	Oct. 11....	Delirium tremens.
Oct. 16.....	Frank Springer.....	Oct. 17.. .	Internal injuries, etc.
Oct. 30.....	Johnson.....	Oct. 31.....	Apoplexy.
Nov. 8.....	Wm. Harris.....	Nov. 8.....	Hemorrhage of lungs.
Nov. 18.....	Alva Hamilton .....	Nov. 18.....	Brought in dead.
Nov. 21.....	Wm. Massie.....	Nov. 22....	Gunshot wound of chin.
Nov. 25 ...	Ed. Martin.....	Nov. 26.....	Fracture of skull.
Nov. 26.....	John Doe.....	Nov. 26.....	Brought in dead.
Dec. 3.....	A. L. James.....	Dec. 5.....	Delirium tremens.
Dec. 3.....	Mrs. McAllister.....	Dec. 7....	Fracture of skull, etc.
Dec. 4.....	Sterling Ironside.....	Dec. 6.....	Fracture of skull, etc.
Dec. 9.....	R. J. Rolfson.....	Dec. 9.....	Gunshot wound of head.
Dec. 12.....	Mable Wilson.....	Dec. 12....	Strychnia poisoning.
Dec. 21.....	Samuel Abbott.....	Dec. 23....	Insane.
Dec. 30.....	G. W. Cook.....	Dec. 31....	Fracture of skull, etc.
Dec. 31.....	Chas. Dougherty.....	Dec. 31....	Internal injuries, etc.
1896—Jan. 3.....	H. T. Bester.....	1896—Jan. 3.....	Suspected poisoning.
Jan. 6.....	A. Darshan .....	Jan. 7.....	Debility.
Jan. 12.....	Andrew Wood.....	Jan. 12....	Fracture of spine and skull.
Jan. 12.....	Baby Haas.....	Jan. 12....	Brought in dead.
Jan. 24.....	John Doe, Chinaman.....	Jan. 24....	Gunshot wound of chest, left leg
Jan. 28.....	Thos. Atlington.....	Jan. 28....	Morphine poisoning.
Jan. 31.....	Wah Two Tong.....	Feb. 2.....	Accidental amputa'n, leg, thumb.
Feb. 7.....	Jas. Jackson.....	Feb. 7.....	Debility.
Feb. 7.....	Bernard Lightold.....	Feb. 7.....	Brought in dead.
Feb. 10.....	Wm. Meadows.....	Feb. 10....	Fracture of skull.



## LIST OF DEATHS IN THE RECEIVING HOSPITAL—CONTINUED.

DATE OF ADMISSION.	NAME.	DATE OF DEATH.	CAUSE OF DEATH.
1896—Feb. 20....	Morris Wheelan.....	1896—Feb. 22....	Epilepsy.
Feb. 21....	Michael Cohen.....	Feb. 21....	Carbolic acid poisoning.
Feb. 25....	Mrs. E. Clawsen.....	Feb. 25....	Brought in dead.
Feb. 26....	B. O'Riley.....	Feb. 26....	Heart trouble.
Feb. 29....	H. Kennedy.....	Feb. 29....	Morphine poisoning.
March 1....	Geo. Bishop.....	March 1....	Rough on rats poisoning.
March 1....	Jos. Mack.....	March 1....	Opium poisoning.
March 2....	John Whittle.....	March 4....	Alcoholic poisoning.
March 5....	J. H. Peters.....	March 5....	Gunshot wound of mouth.
March 6....	E. B. Love.....	March 6....	Morphine poisoning.
March 10....	Ella Townsend.....	March 10....	Burns of body.
March 12....	Ed. Collins.....	March 12....	Nephritis.
March 15....	John Buckley.....	March 19....	Fracture of skull.
March 20....	Domonick Pecana.....	March 23....	Fracture of skull.
March 26....	John M. Gray.....	March 26....	Gunshot wound of head.
March 27....	Jas. Harrington.....	April 3....	Gunshot wound of back.
March 30....	John Martin.....	April 3....	Gunshot wound of back.
March 31....	Jas. Johnson.....	April 1....	Fracture of skull.
April 14....	John Doe.....	April 15....	Delirium tremens.
April 16....	Phillip Smith.....	April 17....	Internal injuries.
April 20....	Mrs. L. Ermont.....	April 21....	Debility.
April 27....	Jas. Riley.....	April 27....	Fracture of skull.
May 3....	Mrs. May Kline.....	May 3....	Brought in dead.
May 7....	Chon Sou.....	May 11....	Fracture of skull.
May 9....	G. B. Larkin.....	May 9....	Opium poisoning.
May 12....	Jas. Shea.....	May 12....	Brought in dead.
May 16....	Milden Droghner.....	May 16....	Carbolic acid poisoning.
May 16....	Ben Harris.....	May 16....	Fracture of skull.
May 19....	John Bradley.....	May 19....	Arsenic poisoning.
May 25....	Chas. Redecker.....	May 25....	Gunshot wound of head.
May 25....	John Doe.....	May 25....	Brought in dead.

## HEALTH OFFICER'S REPORT.

## LIST OF DEATHS IN THE RECEIVING HOSPITAL—CONCLUDED.

DATE OF ADMISSION.	NAME.	DATE OF DEATH.	CAUSE OF DEATH.
1896—June 2....	Wm. Shratt.....	1896—June 3....	Creosote poisoning.
June 5....	B. F. Murphy.....	June 6....	Colic.
June 7....	Mrs. L. Swanson.....	June 7.	Carbolic acid poisoning.
June 12....	L. H. Johnson.....	June 13....	Apoplexy.
June 12....	Gastin L. Karding.....	June 12....	Opium and strychnia poisoning.
June 13....	Lawrence Crannsefoy.....	June 13....	Brought in dead.
June 16....	Capt. Farrell.....	June 17....	Fracture of skull.
June 18....	Chas. Schmidt.....	June 18....	Brought in a dying condition.
June 20....	Mrs. Mary Lawton.....	June 20....	Burns on body.
June 22....	Jessie May.....	June 22....	Brought in dead.
June 22....	P. McKewen.....	June 23....	Internal injuries.
June 27....	Herman Bon.....	June 29....	Dropsy, alcoholism.
June 28....	John Doe Harris.....	June 30....	Alcoholism.
June 29....	John Dawson.....	June 29....	Brought in dead.

## POLICE SURGEON'S REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable Board of Health—*

GENTLEMEN: I herewith submit my report for the fiscal year ending June 30, 1896:

## DISPOSITION OF CASES.

NAME OF HOSPITAL, ETC.	NUMBER.	TOTAL.
Total number of persons admitted .....		6,549
Discharged to their homes.....	5,076	
Discharged to City Prison.....	507	
Discharged to City and County Hospital.....	359	
Discharged to Almshouse.....	43	
Discharged to Home of Inebriates.....	7	
Discharged to Insane Asylums.....	313	
Discharged to U. S. Marine Hospital.....	18	
Discharged to German Hospital.....	27	
Discharged to French Hospital.....	7	
Discharged to St. Luke's Hospital.....	13	
Discharged to St. Mary's Hospital.....	17	
Discharged to Children's Hospital.....	7	
Discharged to Mount St. Joseph's Home.....	18	
Brought in dead.....	14	
Died.....	107	
		6,549
Prescriptions compounded for City Physician.....		173
Births.....		6

Very respectfully,

DR. C. WEIL,

Police Surgeon.

## ALMSHOUSE REPORT.

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SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I respectfully submit to your Honorable Body the following report of the condition and affairs of the City and County Almshouse for the fiscal year ending June 30, 1896:

### NUMBER OF INMATES ADMITTED.

Males.....	721
Females.....	144
Total admitted.....	865
Remaining in the House July 1, 1895.....	794
Total to be accounted for.....	1,659

### NUMBER OF INMATES DISCHARGED, ETC.

Number of inmates discharged at own request.....	299
Number of inmates ran away ....	143
Number of inmates discharged for cause.....	89
Number of inmates transferred to other institutions.....	54
Number of inmates died .....	146
Number of inmates discharged when time was up.....	58
Remaining in the House July 1, 1896.....	870
Total.....	1,659
Daily average number of inmates..	847

## NATIVITY OF INMATES ADMITTED.

## UNITED STATES

Alabama.....	1	Minnesota.....	1
Arizona.....	1	North Carolina.....	1
California.....	18	Nevada.....	2
Connecticut.....	2	New Hampshire.....	3
Delaware.....	1	New Jersey.....	8
Georgia.....	2	New York.....	53
Illinois.....	1	Ohio.....	11
Indiana.....	5	Pennsylvania.....	28
Iowa.....	2	Rhode Island.....	1
Kentucky.....	6	South Dakota.....	1
Louisiana.....	8	Texas.....	4
Maine.....	8	Vermont.....	7
Maryland.....	3	Virginia.....	4
Massachusetts.....	30	Wisconsin.....	1
Michigan.....	6		
Total for United States.....			219

## NATIVITY OF INMATES ADMITTED--CONCLUDED.

## FOREIGN.

Austria.....	9	Mexico.....	1
Australia.....	1	Newfoundland.....	4
Belgium.....	1	Norway.....	5
Canada.....	19	Nova Scotia.....	2
China.....	3	Philippine Islands.....	1
Denmark.....	9	Portugal.....	1
England.....	66	Prussia.....	2
Finland.....	4	Russia.....	3
France.....	34	Scotland.....	15
Germany.....	70	Spain.....	2
Holland.....	2	Sweden.....	15
Jamaica.....	1	Switzerland.....	6
Japan.....	1	Turkey.....	5
Ireland.....	335	Uruguay.....	1
Italy.....	10	Wales.....	4
Malta.....	1	West Indies.....	3
Manilla.....	1		
Foreign.....			637
United States.....			219
Unknown.....			9
Total ..			865

## OCCUPATIONS OF INMATES ADMITTED.

Attorney at law.....	1	Engraver.....	4
Auctioneer.....	1	Expressman.....	3
Baker.....	5	Farmer.....	12
Barber.....	5	Fireman.....	4
Barkeeper.....	2	Fisherman.....	2
Blacksmith.....	14	Fortune-teller.....	1
Bookbinder.....	1	Gardener.....	11
Bookkeeper.....	3	Gasfitter.....	1
Bootfitter.....	1	Glazier.....	1
Boilermaker.....	5	Glovesmaker.....	2
Brewer.....	2	Grocer.....	3
Bricklayer.....	6	Harnessmaker.....	3
Broommaker.....	1	Hatter.....	1
Butcher.....	7	Horse trainer.....	2
Brushmaker.....	2	Honsekeeper.....	19
Boxmaker.....	3	Ironworker.....	1
Cabinetmaker.....	2	Janitor.....	1
Carpenter.....	14	Jeweler.....	2
Carriagemaker.....	1	Laborer.....	203
Carriage painter.....	1	Laundress.....	1
Cigarmaker.....	1	Laundryman.....	4
Clerk.....	19	Longshoreman.....	3
Canvasser.....	2	Lumberman.....	1
Coachman.....	2	Machinist.....	5
Conductor.....	1	Manufacturer of paint.....	1
Cook.....	65	Marblepolisher.....	3
Cooper.....	11	Millwright.....	2
Coal dealer.....	1	Merchant.....	6
Currier.....	2	Mason.....	3
Dentist.....	1	Milliner.....	2
Dishwasher.....	6	Moulder.....	2
Dressmaker.....	1	Miner.....	32
Druggist.....	6	Musician.....	7
Dyer.....	2	Nurse.....	5
Engineer.....	4	News monger.....	1

## OCCUPATIONS OF INMATES ADMITTED—CONTINUED.

No occupation.....	24	Smelter.....	1
Pantryman.....	1	Spinner.....	1
Peddler.....	24	Stableman.....	6
Painter.....	14	Stevedore.....	3
Physician.....	1	Steward.....	1
Plasterer.....	1	Stewardess.....	1
Plumber.....	2	Stonecutter.....	7
Porter.....	3	Soldier.....	1
Printer.....	5	Tailor.....	4
Rigger.....	1	Tanner.....	2
Saddler.....	1	Tamale-maker.....	1
Sailmaker.....	2	Teacher.....	2
Sailor.....	33	Teamster.....	12
Sawyer.....	1	Tinner.....	1
Saloonkeeper.....	1	Varnisher.....	4
Salesman.....	2	Waiter.....	22
Seamstress.....	8	Watchmaker.....	1
Servant.....	75	Wagonmaker.....	2
Shoemaker.....	20	Weaver.....	4
Ship carpenter.....	3	Wheelwright.....	1
Shepherd.....	1	Winemaker.....	1
Shuttlemaker.....	1	Woodturner.....	2
Total .....			865



## AGES OF INMATES ADMITTED.

From 10 to 19 years.....	6	From 60 to 69 years.....	340
From 20 to 29 years.....	34	From 70 to 79 years.....	139
From 30 to 39 years.....	53	From 80 to 89 years.....	24
From 40 to 49 years.....	104	From 90 to 99 years.....	4
From 50 to 59 years.....	147	Unknown age.....	9
Total.....			865

## SOCIAL CONDITION OF INMATES ADMITTED.

Single.....	418
Married.....	107
Widowers.....	233
Widows.....	90
Divorced.....	1
Unknown.....	16
Total.....	865

## COLOR OF INMATES ADMITTED.

White.....	847
Black.....	14
Yellow.....	4
Total.....	865

## BY WHOSE ORDER ADMITTED.

By His Honor Mayor Sutro.....	614
By His Honor Acting Mayor Taylor.....	104
By Superintending Physician City and County Hospital.....	123
By Supervisor Joseph King.....	6
By Superintendent Weaver.....	15
By Health Office.....	2
By Branch Jail.....	1
Total.....	865

## HEALTH OFFICER'S REPORT.

## NUMBER OF TIMES ADMITTED AND READMITTED AFTER DISCHARGE.

First time .....	500	Ninth time.....	4
Second time. ....	158	Tenth time.....	2
Third time.....	77	Eleventh time.....	4
Fourth time.....	45	Twelfth time.....	3
Fifth time.....	31	Fourteenth time.....	1
Sixth time.....	19	Fifteenth time.....	1
Seventh time.....	11	Eighteenth time.....	2
Eighth time.....	7		
Total.....			865

## ALMSHOUSE EXPENSES FOR 1895-96.

Salaries of officers and employees .....	\$17,022 00
Provisions, groceries, fruit, etc.....	29,577 67
Dry goods, clothing, bedding, hats, shoes, etc.....	6,240 20
Tobacco.....	806 74
Drugs, alcohol and liquors.....	1,458 99
Fuel and lights.....	6,844 06
Crockery, hardware, brooms and utensils.....	910 42
Laundry supplies .....	298 42
Printing, stationery and stamps .....	149 26
Horse and cattle feed.....	3,661 58
Repairs of ranges and stoves.....	497 16
Repairs and materials for buildings.....	1,264 41
Furniture, carpets, paints and oils.....	1,480 31
Horseshoeing and repairing vehicles.....	1,584 45
Telephone service.....	95 08
Two horses.....	450 00
Construction of new buildings .....	7,502 63
Total.....	<u>\$79,844 38</u>

The total cost for food for 1895-96 was.....	\$29,577 67
Daily average number of officers, employees and inmates was...	875
Daily cost per employee and inmate for food was.....	9.23c
Total cost for dry goods, clothing, bedding, shoes, etc., was.....	\$6,240 20
Daily average number of inmates was.....	847
Daily cost per inmate for the above articles was.....	2.01c

According to the Auditor's figures the total amount paid out for 1895-96 was.....	\$79,844 38
Daily cost for the institution.....	218 15
Yearly cost per inmate.....	94 27
Daily cost per inmate.....	25½c.

The following is a résumé of the work done in the different departments during the year:

#### TAILORING DEPARTMENT.

Men's cassimere coats made.....	7
Men's cassimere pants made .....	82
Men's cassimere vests made .....	46
Men's blue jean overalls made.....	169
Men's blue jean blouses made ...	75
Coats, pants, vests, etc., repaired.....	338

#### SHOEMAKING DEPARTMENT.

Men's shoes made, pairs.....	263
Men's shoes repaired, pairs .....	756
Women's shoes repaired, pairs.....	57

#### WOMEN'S DEPARTMENT.

The female inmates have made:

Men's flannel overshirts made.....	751
Men's flannel undershirts made.....	682
Men's flannel drawers made.....	899

Besides the mending of all the underclothing. They have also made all the clothing required by them.

#### FARM.

	ACRES
House, lot and grounds.....	5
No. 2 building lot and grounds..	5
Hospital lot, grounds and roads.....	4
No. 4 building and grounds.....	2
Hay.....	12
Potatoes.....	25
Pasturage.....	8
Vegetable garden.....	15
Waste Land.....	4
Total .....	80

## LIVE STOCK.

Horses .....	12	Hogs, small.....	27
Cows.....	3	Chickens.....	47
Hogs, large .....	34	Ducks .....	9
<hr/>			
Total.....			132

The appropriation for the use of the Almsbouse for 1895-6 was \$80,000. The Auditor's figures show that the amount paid out on the Almsbouse account was \$79,844.38, leaving a balance of \$155.62 of the appropriation to revert to the City treasury.

From the opening of the Almsbouse to the present time, 17,252 inmates have been admitted and provided with a comfortable home.

During the month of April, 1896, 19 cows and 2 bulls, having been found to be infected with tuberculosis, have been killed by order of the Health Department. Consequently an extra outlay of \$900 for milk was caused for the last two months of the past fiscal year. I beg to recommend an early purchase of at least twenty cows, being absolutely necessary for the reduction of cost of milk, as well as a necessary supply of manure for our farm.

We have raised most of the vegetables used for the board of the inmates, and the product of twenty-eight acres of potatoes. We also raised and used 2,727 pounds of beef and pork.

The necessity of building a new laundry is well known to your Honorable Board, and I hope to be able to accomplish that during the coming fiscal year, as well as make many other necessary repairs.

We supply water to an adjoining milk ranch and take in payment one can of milk (three gallons) per day, valued at 50 cents per can. Received for the sale of one calf \$6, which amount has been turned over to the City Treasurer by the present Superintendent, this being all the money received during his term of office, since May 15, 1896.

To those of San Francisco who have kindly contributed reading matter and other articles, and to the taxpayers, we return our sincere thanks.

Thanking the Honorable Board of Health and Board of Supervisors for their kind support and co-operation, we most respectfully submit the above report.

E. A. REDDY,  
Superintendent.

## REPORT OF MEDICAL DEPARTMENT OF ALMSHOUSE.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I hereby present to your Honorable Board the yearly report of the Medical Department of the City and County Almshouse for the fiscal year ending June 30, 1896:

Number of inmates July 2, 1896.....	870
Average number of inmates.....	847
Number of inmates died.....	146
Number of patients treated during year.....	4,755
Number of prescriptions during year.....	8,330
Cost of drugs, alcohol and liquors during year.....	\$1,459 99
Cost of drugs, alcohol and liquors per month.....	\$121 66 $\frac{2}{3}$

Respectfully submitted,

W. E. CONLAN, M.D.,

Resident Physician.

# HOSPITAL REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable the Board of Health  
Of the City and County of San Francisco—*

GENTLEMEN: I have the honor to submit for your consideration the following, being the forty-third annual report of the City and County Hospital for the fiscal year ending June 30, 1896.

The summary of items, as appended, will be further described in detail, as per inclosed reports.

## SUMMARY.

Patients in Hospital July 1, 1895.....	266	
Patients admitted in Hospital during year.....	3,422	
Total to be accounted for.....		3,688
Patients discharged cured.....	1,372	
Patients discharged improved.....	1,430	
Patients sent to Almshouse.....	127	
Patients died during year.....	465	
Patients remaining July 1, 1896.....	294	
		3,688
Smallest number at any time—July 3, 1895.....	254	
Largest number at any time—January 27 and 28, 1896.....	380	
Total number of days' treatment.....	121,952	
Daily average of patients.....	332.2	
Daily average of employees.....	99.36	
Percentage of deaths to results.....	14.49	
Percentage of deaths to total number treated.....	12.61	
Average time under treatment (days).....	33.07	
Cost of provisions per person per day.....	\$0.1829	
Total expense per patient per day.....	0.6872	
Total amount expended.....	\$82,932 11	
Furnished to Smallpox Hospital, etc.....	4,779 59	
Actual outlay for running expenses.....	77,152 52	
Amount of appropriation.....	80,000 00	
Balance of appropriation, less running expenses.....	2,847 48	

## BUILDINGS.

The condition of the buildings and their defects have been repeatedly alluded to in very uncomplimentary terms by former Superintendents. That they should be allowed to stand after having outlived their usefulness seems a shame and a lack of proper regard for those who are housed here as patients or officials.

The Honorable the Board of Supervisors have promised to repair the buildings and put them in as serviceable a condition as their age will warrant. It is also intended to erect a building, capable of housing twenty patients, thereby providing for the segregation of offensive and contagious cases.

As soon as these improvements have been made, the efficiency of the Hospital will have been materially increased.

## NURSES.

It has been found necessary to increase the number of nurses owing to the increased number of patients. The training school, as now organized, will prove to be successful, insuring better results both to patients and nurses.

I must reiterate the statement of my predecessor, that the nurses' quarters are wholly inadequate for the purpose they are intended to serve. An appropriation should be obtained looking to their comfort, by the construction of a building sufficiently large to provide suitable living quarters and classrooms.

The number of internes has been increased from nine to thirteen, thereby insuring complete and reliable records of all cases treated, as well as better service in the wards and out-clinics.

## DAILY EXPENSE.

The daily expense, as per appended report, compared with the previous fiscal year, shows a reduction to the following extent, viz.:

	1894-95.	1895-96.
Subsistence per patient per day .....	\$00.2653	\$00.2549
Subsistence per person per day .....	00.2040	00.1829
Total cost per patient per day .....	\$00.7242	\$00.6872

I remain, very respectfully,

Your obedient servant,

F. H. STAHL, M.D.,

Superintendent Physician City and County Hospital.

## STATEMENT OF EXPENDITURES.

## SUBSISTENCE.

Bacon.....	\$202 38
Beef .....	6,693 33
Butter.....	1,347 72
Coffee .....	1,175 68
Eggs.....	2,173 19
Fish.....	386 25
Flour.....	1,603 00
Fruit and Vegetables.....	2,192 90
Groceries.....	3,538 89
Ham.....	378 77
Milk .....	5,409 00
Mutton .....	3,318 45
Poultry.....	517 53
Sugar.....	1,518 63

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 \$30,455 72

## MISCELLANEOUS.

Brooms, Brushes, etc.....	\$227 75
Coal.....	4,442 28
Coal Oil.....	72 39
Crockery and Glassware.....	192 66
Dry Goods.....	1,835 77
Electrical Supplies and Repairs .....	27 29
Engine Supplies and Repairs.....	328 90
Expressage and Hauling.....	659 50
Furniture and Carpets.....	889 30
Hardware....	180 36
Ice.....	332 46
Lumber.....	185 30
Laundry Repairs.....	102 43
Laundry Supplies.....	395 55
Inspection of Boiler.....	25 00
Paints, Oils, etc.....	146 19
Repairs to Building.....	593 10
Repairs to Utensils.....	193 13
Stationery and Printing.....	538 37



# HOSPITAL REPORT.

115

Telephone Service.....	233 00
Tobacco.....	96 27
Tinware and Kitchen Utensils.....	96 76
Tools and Implements.....	125 04
Tule and Moss.....	200 00
Wood.....	26 75
	<hr/>
	\$12,145 55

## STABLE.

Barley, Oats, etc.....	\$208 83
Hay and Straw.....	278 81
Horseshoeing.....	137 50
New Harness.....	35 00
Repairs to Vehicles and Harness.....	210 55
Sundries and Repairs to Stable.....	68 46
	<hr/>
	\$339 18

## DISPENSARY.

Drugs, Medicines and Surgical Supplies.....	\$7,434 86
Rubber Goods.....	35 93
Repairs to Instruments.....	18 00
Surgical Instruments.....	137 08
Alcohol.....	409 30
Wines and Liquors.....	1,448 84
	<hr/>
	\$9,480 01

## RECAPITULATION.

### STEWARD'S DEPARTMENT—

Subsistence.....	\$30,455 72
Miscellaneous.....	12,145 55
Stable.....	939 18
	<hr/>
	\$43,540 45

DRUG DEPARTMENT.....	9,480 01
Salaries.....	29,911 65
	<hr/>

Total Expenditure..... \$82,932 11

Daily Average of Patients.....No. 332 13-100

Daily Average of Officers, etc.....No. 98 3-100

Daily Average of Total Maintained..... 430 16-100

## DAILY EXPENSE—

Subsistence per Patient.....	00.2549
Subsistence, per Person.....	00.1829
Total Cost, per Person.....	00.5267
Total Cost, per Patient.....	00.6872
TOTAL EXPENDED.....	\$82,932 11

## STATEMENT OF CREDITS—

By Small Pcx Hospital.....	\$2,029 89
By Magdalen Asylum.....	117 10
By Out-Clinic.....	2,632 60
	<hr/>
	\$4,779 59
Net Expenditure.....	<hr/>
	\$77,152 52

## PRICES PAID FOR CONTRACT SUPPLIES.

## E. A. Bunker—

Onions, best, per 100 lbs .....	\$ 77
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## Del Monte Milling Co.—

Corn Meal, fresh ground, best, per 100 lbs.,.....	1 75
Cracked Wheat, best, per 100 lbs.....	2 25
Flour, best roller, per 100 lbs.....	1 75
Germea, per 100 lbs.....	2 75
Hominy, per 100 lbs.....	2 50
Oatmeal, fresh ground, per 100 lbs.....	2 77

## A. M. Ebbets—

Coal, Dunsmuir, Wellington, per ton 2,240 lbs.....	7 74
--	------

## John F. English—

Carrots, best, per 100 lbs.....	45
Potatoes, best, per 100 lbs.....	53

## F. H. Hammer—

Beets, best, per 100 lbs.....	55
Cabbage, best, per 100 lbs.....	62
Turnips, best, per 100 lbs.....	55
Beans, small, white, per 100 lbs.....	2 14

## Hofman &amp; Woenne—

Lard, fresh, best, per b.....	7½
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## H. Kirchmann &amp; Co.—

Eggs, fresh, California Canded, per doz..... 20 $\frac{3}{4}$ 

## J. Schweitzer &amp; Co.—

Beef, first quality, fore and hind quarters, per lb..... 6.65

## F. Uri &amp; Co.—

Mutton, fresh, first quality, per lb..... 6.35

## Jones &amp; Co.—

Currants, Zante, per lb..... 5 $\frac{1}{2}$ Fruit, Table, 2 $\frac{1}{2}$  lb. cans, per case..... 2 70

Jelly, Currant, 2 lb. cans, per doz..... 1 34

Macaroni, per lb..... 3 3-10

Starch, best, per lb..... 4 $\frac{1}{4}$ 

Sugar, granulated, per lb..... 5 3 10

Vermicelli, No. 2, per lb..... 3 3-10

Yeast Powder, Royal, 5 lb. tins, per doz..... 17 00

## H. Levi &amp; Co.—

Coal Oil, 150°, per gal..... 23 35-100

Mackerel, Eastern, No. 1, best, per kit..... 1 17 $\frac{1}{2}$ 

Pearl Barley, No. 2, per lb..... 3 39-100

Peas, split, per lb..... 3 17-100

Pie Fruits, assorted, best, 2 lb. cans, per case..... 1 80

Tomatoes, best, 2 lb. cans, per case..... 1 40

## G. R. Lucy &amp; Co.—

Sal Soda, per lb..... 3 $\frac{3}{4}$ 

Soap, Brown Laundry, per lb..... 3 1-20

## A. Paladini—

Fish, fresh, cleaned and scaled, per lb..... 2 93-100

## F. B. Haight—

Cheese, per lb..... 9

## Scott &amp; McCord—

Wheat Hay, per ton..... 12 84

Wheat and Oat Hay, mixed..... 12 23

## Mau, Sadler &amp; Co.—

Bacon, best, California cured, sides, per lb..... 9 $\frac{1}{4}$ Butter, fresh, first quality, California, per lb..... 15 $\frac{1}{2}$ Butter, Cooking, first quality, California, per lb..... 12 $\frac{3}{4}$ 

Ham, first quality, California cured, per lb..... 9 45-100

Salt, table, first quality, per 100 lb..... 45

Syrup, California Golden, per gal..... 10-45

## Pacific Marine Supply Co.—

Codfish, best California, in bales, per lb.....	3 89-100
Coffee, Guatemala, fresh roasted, per lb.....	16 39-100
Corn Starch, first quality, per lb.....	4 89-100
Fruit, Dried, apples and peaches, per lb.....	5 19-100
Gasoline, per gal.....	22 39-100
Mustard, first quality, California, per lb.....	8 9-10
Pepper, Black, first quality, per lb.....	7 77-100
Pickles, Assorted, No. 2, per gal.....	16 99-100
Raisins, first quality, layers, per lb.....	3
Rice, No. 2, China, new, mixed, per lb.....	3 31-100
Sago, best, per lb.....	3 21-100
Salt, Rock, first quality, per 100 lbs.....	39
Sugar, Ex. C, perl b.....	4 19-100
Sugar, Powdered, per lb.....	6 49-100
Tapioca, best, per lb.....	3 19-100
Tea, Japan, per lb.....	10 37-100
Tobacco, Black Navy, per lb.....	20 9-100

## YEARLY SUMMARY

SHOWING NUMBER OF PATIENTS ADMITTED AND DISCHARGED AND DAILY  
AVERAGE FOR 26 YEARS.

FISCAL YEAR ENDING JUNE 30—	Number of Patients re- maining on 1st of year.	Number of Patients ad- mitted during the year.	Total number treated du- ring the year.....	Total number discharged during the year.....	Average daily for year..
1871.....	320	2,739	3,059	2,763	343.4
1872.....	296	2,365	2,561	2,417	289.3
1873.....	244	2,863	3,107	2,804	331.1
1874.....	303	3,231	3,534	3,197	367.3
1875.....	337	3,921	4,258	3,876	387.2
1876.....	382	3,376	3,758	3,363	374.5
1877.....	295	3,012	3,307	3,005	360.2
1878.....	368	3,007	3,375	2,990	383.5
1879.....	351	3,174	3,525	3,163	379.1
1880.....	362	2,955	3,317	2,946	388.0
1881.....	371	3,204	3,575	3,210	383.1
1882.....	365	3,151	3,516	3,172	383.0
1883.....	344	3,002	3,346	2,997	366.4
1884.....	349	3,288	3,637	3,278	389.1
1885.....	359	3,191	3,550	3,159	389.2
1886.....	391	3,140	3,531	3,130	392.3
1887.....	401	3,128	3,529	3,137	411.6
1888.....	292	2,914	3,206	2,951	304.3
1889.....	255	3,022	3,277	2,972	310.5
1890.....	305	3,466	3,771	3,419	324.3
1891.....	352	3,468	3,820	3,452	375.2
1892.....	368	4,393	4,761	4,373	294.2
1893.....	288	3,614	3,902	3,559	318.0
1894.....	343	3,782	4,125	3,700	413.6
1895.....	425	2,680	3,105	2,839	301.95
1896.....	266	3,422	3,688	3,394	332.2

TABLE SHOWING NUMBER OF PATIENTS REMAINING ON FIRST OF EACH MONTH, NUMBER ADMITTED, NUMBER DISCHARGED, AND AVERAGE FOR MONTH.

MONTH.	Number of Patients remaining on first of month .....	Number admitted during month.....	Total number discharged during month.....	Average number under treatment during month
1895—July.. .....	266	254	230	269.23
August.....	290	285	243	308.03
September.....	332	242	261	311.6
October.....	313	307	276	329.74
November.....	344	271	262	344.37
December .....	353	304	323	357.26
1896—January.....	354	333	302	365.32
February.....	365	288	297	364.21
March.....	356	304	305	363.35
April.....	355	284	328	341.43
May.....	311	293	291	337.71
June.....	313	257	276	294.13
July 1st.....	294	.....	.....	.....
Totals.....		3,422	3,394	332.2

## CIVIL CONDITION OF DECEASED PATIENTS.

	MALE.	FEMALE.	TOTALS.
Single.....	260	38	298
Married.....	59	45	104
Widowed.....	33	23	56
Unknown..	6	1	7
Totals.....	358	107	465

## AGES OF DECEASED PATIENTS.

	No.		No.
Under 1 year.....	2	From 60 to 70 years.....	60
From 1 to 10 years.....	1	From 70 to 80 years.....	15
From 10 to 20 years.....	15	From 80 to 90 years.....	3
From 20 to 30 years.....	88	From 90 to 100 years.....	..
From 30 to 40 years.....	110	Unknown.....	4
From 40 to 50 years.....	77		
From 50 to 60 years.....	90	Total .....	465

## SEX OF DECEASED PATIENTS.

SEX.	NUMBER.
Males.....	358
Females. ....	107
Totals.....	465

## RACE OF DECEASED PATIENTS.

RACE.	NUMBER.
Caucasian.....	445
Black.....	14
Yellow.....	5
Indian.....	1
Total.....	465

## NATIVITY OF DECEASED PATIENTS.

NATIONALITY.	NUMBER.
United States.....	193
Foreign.....	265
Unknown.....	7
Total.....	465



## BIRTHS.

BIRTHS.	1895.						1896.						Totals.
	July	August	September	October	November	December	January	February	March	April	May	June	
Males, white.....	5	9	5	11	9	8	5	5	6	7	7	8	85
Females, white.....	2	3	7	4	7	13	9	9	3	12	8	7	84
Males, colored.....						1							
Females, colored.....													
Totals.....	7	12	12	15	16	22	14	14	9	19	15	15	170

## CORONER'S CASES.

CORONER'S CASES.	1895.						1896.						Totals.
	July	August	September	October	November	December	January	February	March	April	May	June	
Males.....	1	2	1	2	3	5	3	5	....	2	1	3	28
Females.....	....	1	1	....	....	1	..	1	....	..	....	....	4
Totals.....	1	3	2	2	3	6	3	6	....	2	1	3	32

## NATIVITIES OF PATIENTS.

## UNITED STATES.

Alabama.....	5	Nevada .....	13
California.....	482	New Hampshire.....	11
Colorado.....	2	New Jersey.....	17
Connecticut.....	15	New York.....	216
Delaware.....	1	North Carolina.....	4
District of Columbia.....	5	Ohio.....	42
Florida .....	3	Oregon.....	15
Georgia .....	6	Pennsylvania.....	71
Illinois.....	48	Rhode Island.....	12
Indiana .....	18	South Carolina.....	3
Iowa.....	22	South Dakota.....	1
Kansas.....	8	Tennessee.....	10
Kentucky .....	21	Texas .....	3
Louisiana .....	21	Utah .....	2
Maine.....	28	Vermont.....	12
Maryland .....	19	Virginia.....	18
Massachusetts.....	101	Washington.....	1
Michigan.....	35	West Virginia.....	4
Minnesota.....	7	Wisconsin.....	20
Mississippi.....	3	Wyoming .....	1
Missouri.....	26	Unknown.....	10
Montana.....	2		
Nebraska .....	1	Total.....	1,365

## NATIVITIES OF PATIENTS.

## FOREIGN.

Africa.....	2	Japan.....	32
Australia.....	16	Luxemburg.....	1
Austria.....	60	Manilla.....	4
Azores Islands.....	1	Mexico.....	38
Bavaria.....	1	New Brunswick.....	4
Belgium.....	8	New Zealand.....	1
Bohemia.....	2	Norway.....	42
Canada.....	70	Nova Scotia.....	1
Cape Verde Islands.....	2	Philippine Islands.....	4
Chili.....	4	Poland.....	3
China.....	7	Portugal.....	16
Denmark.....	43	Prince Edward's Island.....	1
England.....	184	Roumania.....	1
Finland.....	33	Russia.....	21
France.....	78	Sandwich Islands.....	2
Germany.....	275	San Salvador.....	2
Greece.....	7	Scotland.....	58
Guatemala.....	2	Spain.....	3
Holland.....	4	Sweden.....	119
Hungary.....	1	Switzerland.....	42
Ireland.....	765	Turkey.....	3
Isle of Malta.....	3	Wales.....	6
Isle of Man.....	1	West Indies.....	10
Italy.....	74		—
Total.....			2,057
Total United States.....			1,365
			—
Total.....			3,422

## OCCUPATIONS OF PATIENTS.

OCCUPATION.	NUMBER.	OCCUPATION.	NUMBER.
Acrobat.....	1	Buggy-washer.....	2
Actor.....	2	Butcher.....	33
Actress.....	2	Butler.....	1
Agent.....	2	Cabinetmaker.....	2
Apiarist.....	1	Candymaker.....	2
Architect.....	1	Canner.....	3
Artist.....	2	Canvasser.....	15
Authoress.....	1	Car-builder.....	1
Awning-maker.....	1	Car-conductor.....	2
Bag-maker.....	1	Car-driver.....	1
Baker.....	30	Carpet-layer.....	1
Barber.....	15	Carpenter.....	102
Bartender.....	37	Carriagemaker.....	1
Bead-worker.....	1	Carriage-painter.....	4
Bedmaker.....	5	Carriage-trimmer.....	1
Beer-bottler.....	2	Carriage-washer.....	2
Bellboy.....	1	Cashier.....	1
Blacksmith.....	40	Calker.....	3
Boatman.....	3	Chicken-plucker.....	3
Boilermaker.....	16	Chipper.....	1
Bookbinder.....	6	Cigarmaker.....	13
Bookkeeper.....	22	Cigar peddler.....	1
Boxmaker.....	2	Clerk.....	53
Bootblack.....	3	Clog-dancer.....	2
Brakeman.....	6	Coachman.....	4
Brass-finisher.....	2	Collector.....	1
Brewer.....	5	Compositor.....	3
Bricklayer.....	12	Contractor.....	6
Bridge-builder.....	2	Cook.....	156

## OCCUPATIONS OF PATIENTS—CONTINUED.

OCCUPATION.	NUMBER.	OCCUPATION.	NUMBER.
Cooper.....	13	Gasfitter.....	1
Copyist.....	1	Gilder.....	1
Currier.....	1	Glovesmaker.....	1
Dishwasher.....	28	Gripman.....	1
Diver.....	1	Grocer.....	6
Domestic.....	365	Groom.....	5
Draughtsman.....	1	Guide.....	2
Drayman.....	2	Hackdriver.....	7
Dressmaker.....	34	Hairdresser.....	2
Driver.....	4	Harnessmaker.....	4
Druggist.....	7	Hatter.....	3
Drummer.....	6	Heater.....	1
Dyer.....	2	Hod-carrier.....	2
Electro-plater.....	1	Hop-picker.....	1
Engineer.....	21	Horse-man.....	13
Engraver.....	1	Horse-shoer.....	8
Errand-boy.....	2	Horse trainer.....	2
Expressman.....	5	Hostler.....	28
Farmer.....	5	Hotelkeeper.....	1
Fireman.....	26	House-cleaner.....	1
Fisherman.....	3	Housekeeper.....	39
Florist.....	2	House mover.....	3
Foreman.....	1	Housewife.....	283
Foundry helper.....	1	Interpreter.....	1
Framemaker.....	1	Ironmolder.....	15
Furrier.....	1	Ironworker.....	12
Gambler.....	2	Janitor.....	4
Gardener.....	30	Jeweler.....	3

## OCCUPATIONS OF PATIENTS—CONTINUED.

OCCUPATION.	NUMBER.	PATION.	NUMBER.
Jockey .....	3	Naturalist .....	1
Journalist .....	2	Newsboy.....	1
Junk dealer .....	2	Newsdealer .....	2
Laborer .....	726	Night clerk .....	2
Lather .....	1	Night watchman .....	2
Laundress.....	13	Nurse.....	26
Laundryman.....	13	Nurseryman .....	1
Lawyer.....	2	Oiler.....	1
Lineman .....	2	Operatic vocalist .....	2
Lithographer.....	2	Packer.....	2
Liveryman .....	1	Painter.....	67
Lodging-house keeper .....	1	Pants maker.....	1
Longshoreman .....	55	Pantryman .....	3
Lumberman .....	1	Paper hanger.....	6
Machinist .....	23	Patternmaker.....	1
Masseuse.....	1	Paving-cutter .....	1
Mechanic.....	4	Peddler.....	37
Merchant .....	4	Penman.....	1
Milker .....	9	Photographer .....	2
Miller.....	3	Physician .....	3
Millhand .....	5	Piano tuner.....	2
Milkman.....	3	Piledriver.....	1
Milliner .....	2	Plasterer .....	10
Millwright .....	1	Plumber.....	11
Miner.....	49	Police officer.....	1
Morocco-dresser .....	1	Police officer, ex.....	1
Molder .....	1	Porter.....	20
Musician .....	10	Potter.....	1
Music teacher .....	1	Pressman .....	1

## OCCUPATIONS OF PATIENTS—CONTINUED.

OCCUPATION.	NUMBER.	OCCUPATION.	NUMBER.
Printer.....	19	Shoefitter .....	3
Printer's boy.....	1	Shoemaker.....	23
Purser .....	1	Shoe-nailer.....	1
Quarryman.....	3	Solicitor.....	4
Railroad conductor.....	1	Stableman.....	1
Real estate agent.....	3	Stableboy .....	2
Reporter .....	5	Steelworker.....	1
Rigger .....	7	Stenographer.....	1
Roofer .....	2	Stevedore .....	8
Rope-spinner.....	1	Steward .....	2
Sailmaker .....	5	Stone-cutter.....	6
Sailor .....	66	Stonemason.....	3
Salesman.....	12	Storeboy .....	1
Saloon keeper.....	8	Storekeeper .....	2
Sashmaker .....	1	Student .....	3
Scavenger.....	1	Switchman.....	1
Schoolboy.....	10	Surveyor.....	1
Schoolgirl.....	4	Tailor.....	20
School-teacher.....	1	Tailoress .....	6
Sculptor.....	1	Tamale-maker.....	1
Sealer.....	1	Tamale-peddler .....	1
Seamstress .....	28	Tanner.....	10
Servant .....	16	Teacher .....	3
Sexton.....	2	Teamster.....	96
Ship-builder.. ..	1	Telegraph operator.....	3
Ship-carpenter .....	3	Theater manager.....	1
Ship-calker.....	5	Tinner.....	7
Shipwright.....	3	Traveler.....	1
Shoe-finisher.....	1	Trunkmaker .....	1

## OCCUPATIONS OF PATIENTS—CONCLUDED.

OCCUPATION.	NUMBER.	OCCUPATION.	NUMBER.
Typewriter.....	1	Well-borer.....	3
Umbrella-maker.....	1	Wharf-builder.....	1
Undertaker.....	3	Wheelwright.....	1
Unknown.....	32	Whitener.....	2
Upholsterer.....	8	Windowcleaner.....	2
Vaquero.....	1	Wine-bottler.....	2
Varnisher.....	3	Winemaker.....	1
Vegetable-man.....	1	Woodsman.....	1
Waiter.....	70	Woodturner.....	1
Waitress.....	19	Wool-sorter.....	1
Watchmaker.....	1	Writer.....	1
Watchman.....	4	Total.....	3,422
Weaver.....	2		

## DISEASES OF PATIENTS.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Abortion.....	14	Abscess, pelvic.....	2
Abortion and retroflexion of uterus.....	1	Abscess, prostatic.....	1
Abrasion of scalp.....	1	Abscess, stitch.....	1
Abscess, cold.....	7	Abscess, tubercular.....	1
Abscess, inguinal.....	1	Abscess, vulvo-vaginal and sinus.....	1
Abscess, ischio-rectal.....	9	Abscess of abdominal wall.....	1
Abscess, labial.....	3	Abscess of arm.....	2
Abscess, lumbar.....	2	Abscess of axilla.....	2



## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Abscess of breast .....	1	Amputation of cervix.....	2
Abscess of cheek .....	1	Amputation of coxycx ..	1
Abscess of ear.....	1	Amputation of finger .....	10
Abscess of eye, traumatic.....	1	Amputation of leg.....	2
Abscess of foot.....	1	Amputation of stump.....	2
Abscess of groin.....	1	Amputation of toe.....	1
Abscess of Highmore's antrum....	1	Anæmia.....	1
Abscess of jaw .....	1	Anchylosis of knee .....	1
Abscess of jaw and neck .....	1	Anchylosis of shoulder.....	2
Abscess of lachrymal duct .....	1	Anchylosis of wrist and hand....	1
Abscess of loins.....	2	Aneurism of femoral artery.....	3
Abscess of leg .....	5	Aneurism of aorta .....	4
Abscess of neck.....	2	Aneurism of leg, venous .....	1
Abscess of perineum.....	1	Angina pectoris.....	1
Abscess of rectum, tubercular.....	1	Angioma.....	1
Abscess of scalp.....	1	Antiflexion of uterus.....	1
Abscess of scrotum.....	1	Aphonia.....	1
Abscess of shin.....	1	Appendicitis .....	6
Abscess of thigh.....	8	Appendicitis and surgical shock...	1
Abscess of toe.....	1	Arthritis.....	15
Adenitis, axillary.....	1	Asphyxia.....	2
Adenitis, cervical.....	1	Asthma.....	23
Adenitis, tubercular. ....	5	Asthma and bronchitis.....	5
Adenitis, ulcerative .....	1	Atony of bladder.....	1
Alcoholism.....	60	Atrophy, progressive muscular ....	1
Alcoholism and hypostatic pneu-		Atrophy of eye-ball.....	2
monia.....	1	Atrophy of eye-ball and blephar-	
Alcoholism and neuritis. ....	1	itis marginalis .....	1
Alexander's operation, double....	1	Atrophy of optic nerve.....	3
Amputation of arm.....	1	Bite, dog .....	1

## DISEASES OF PATIENTS--CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Blindness, chronic.....	1	Calculus in bladder.....	4
Blindness, traumatic.....	1	Carbuncle.....	1
Bright's disease.....	6	Cancer of larynx.....	1
Bright's disease, acute.....	1	Cancer of liver.....	1
Bright's disease and valvular heart disease.....	1	Cancer of neck.....	4
Bronchiectasis.....	1	Cancer of rectum.....	1
Bronchitis, acute.....	53	Cancer of stomach.....	3
Bronchitis, capillary.....	1	Carcinoma of antrum Highmorii..	1
Bronchitis, chronic.....	6	Carcinoma of arm.....	1
Bronchitis, senile.....	1	Carcinoma of breast.....	4
Bronchitis, sub-acute.....	1	Carcinoma of face and neck.....	1
Bronchitis and asthma.....	1	Carcinoma of glands of neck.....	1
Bronchitis and diarrhoea.....	1	Carcinoma of liver.....	4
Bronchitis and emphysema.....	1	Carcinoma of œsophagus, neck and liver.....	1
Bronchitis and indigestion.....	1	Carcinoma of pancreas.....	2
Bronchitis and malaria.....	1	Carcinoma of pylorus.....	3
Bronchitis and rheumatism.....	1	Carcinoma of rectum.....	2
Broncho-pneumonia.....	1	Carcinoma of stomach.....	1
Bubo.....	11	Carcinoma of tongue.....	1
Bubo and phimosis.....	1	Carcinoma of uterus.....	2
Bunions.....	2	Caries of clavicle.....	1
Burns.....	3	Caries of cranium.....	1
Burns of arm.....	1	Caries of femur.....	1
Burns of back.....	1	Caries of ribs.....	1
Burns of foot.....	3	Caries of tibia.....	3
Burns of hand.....	4	Caries of tibia, tubercular.....	1
Burns and pneumonia.....	1	Caries of vertebra.....	1
Bursitis of elbow.....	2	Cataract.....	15
Bursitis of knee.....	5	Cataract, double.....	2
Bursitis of knee, infected.....	1	Catarrh, acute nasal.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Catarrh, gastric,.....	52	Constipation, sub-acute.....	6
Catarrh, gastric, chronic.....	1	Contusion of ankle.....	3
Catarrh, gastric, duodeual.....	1	Contusion of arm.....	1
Catarrh gastric, and sciatica.....	2	Contusion of back.....	10
Catarrh, nasal, chronic.....	1	Contusion of elbow.....	3
Cellulitis of foot.....	1	Contusion of eye.....	4
Cellulitis of leg.....	1	Contusion of face and body.....	2
Cellulitis of pelvis.....	3	Contusion of face and neck.....	1
Cellulitis of thigh.....	1	Contusion of fingers,.....	1
Cephalalgia.....	1	Contusion of foot.....	16
Cervicitis.....	1	Contusion of hand.....	1
Chancre.....	2	Contusion of head.....	5
Chancre and fissure in ano.....	1	Contusion of head and lacerated wound.....	1
Chancroid.....	3	Contusion of hip.....	9
Cholelithias.....	2	Contusion of jaw.....	1
Cinchonism.....	1	Contusion of knee.....	8
Cirrhosis of kidneys.....	2	Contusion of leg.....	2
Cirrhosis of liver.....	16	Contusion of lumbar region.....	1
Cirrhosis of liver, hypertrophic ...	1	Contusion of nose and eyelids.....	1
Cirrhosis of liver and alcoholism..	1	Contusion of perineum.....	1
Concussion of brain and lacerated wound of face.....	1	Contusion of ribs.....	1
Concussion of brain and wound of scalp.....	1	Contusion of scalp.....	2
Condylomata.....	2	Contusion of scalp and incised wound of face.....	1
Congestion of liver.....	9	Contusion of side.....	2
Congestion of lung, acute.....	1	Contusion of shoulder.....	6
Conjunctivitis, phlyctenular.....	2	Contusion of shou'der and imbe- cility.....	1
Conjunctivitis, traumatic,.....	2	Contusion of thigh.....	5
Constipation, chronic.....	1		

## DISEASES OF PATIENTS--CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Contusion of toe.....	1	Dermatitis .....	1
Convulsions, puerperal.....	1	Dermatitis and abscess of both legs.....	1
Coroner's cases .....	32	Dermatitis and poison oak .....	1
Coxalgia.....	2	Dermatitis and pediculosis.....	1
Cyst, multilocular.....	1	Diabetes insipidus.....	2
Cyst, ovarian.....	7	Diabetes mellitus.....	2
Cyst, parovarian.....	1	Diabetes and valvular disease of heart .....	1
Cyst, sebaceous.....	1	Diarrhœa .....	6
Cystic kidneys.....	1	Diarrhœa and rheumatism.....	1
Cystic ovary.....	1	Dilatation of cervix uteri.....	1
Cystitis, acute .....	10	Dilatation of stomach and carci- noma pylori .....	1
Cystitis, chronic .....	3	Diphtheria.....	2
Cystitis, chronic, and endocervici- tis .....	1	Dipsomania.....	1
Cystitis and orchitis.....	1	Dislocation of clavicle. . . . .	2
Cystitis and urethritis.....	1	Dislocation of elbow.....	1
Cystocele.....	1	Dislocation of fibula (external mal- leolar process).....	1
Cystocele and rectocele.....	2	Dislocation of hip.....	2
Dacryocystitis.....	1	Dislocation of humerus.....	3
Deafness, catarrhal.....	1	Dislocation of manubrium and gla- diolus. ....	1
Debility, senile .....	2	Dislocation of fifth metatarsal bone.....	1
Debility, chronic.....	1	Dislocation of shoulder.....	11
Debility, general .....	4	Displaced uterus .....	1
Debility, nervous .....	1	Duyptren's contraction .. . . .	2
Delayed union of fractured hu- merus.....	1	Dysentery, acute.....	5
Delirium.....	1		
Delirium tremens .....	2		
Dementia .....	1		
Dengue.....	1		

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Dysentery, chronic .....	1	Epithelioma of ear.....	1
Dysmenorrhœa.....	2	Epithelioma of lip.....	6
Dysmenorrhœa, membranous .....	1	Epithelioma of mouth. ....	1
Dyspepsia, chronic.....	2	Epithelioma of penis.....	1
Ectropion.....	3	Erosions of foot.....	1
Eczema, universalis.....	10	Erysipelas .....	36
Eczema, cruris.....	3	Exhaustion.....	1
Eczema, pustular.....	1	Exhaustion, nervous .....	1
Effusion, pleuritic.....	1	Exostosis of femur.....	1
Emmett's operation, perineal.....	1	Exostosis of lower jaw-bone.....	1
Empysema.....	3	Fever, intermittent.....	127
Empysema and bronchitis .....	1	Fever, intermittent and colic.....	1
Empysema due to catheter.....	1	Fever, remittent.....	4
Empyema.....	9	Fever, rheumatic .....	1
Empyema, pulmonary.....	1	Fever, typhoid .....	39
Endocervicitis.....	8	Fever, typhoid and bronchitis.....	1
Endocervicitis, follicular.....	1	Fever, typhoid and miliary tuber-	
Endometritis .....	12	culosis.....	1
Endometritis and vaginitis.....	1	Fever, typhoid and pneumonia ..	2
Enlarged prostate gland.....	1	Fibroid of uterus.....	2
Enteralgia.....	1	Fibroma of arms.....	1
Enteritis.....	2	Fissure of anus.....	1
Enucleation .....	1	Fistula, axillary.....	1
Epididymitis.....	3	Fistula of abdominal wall.....	1
Epididymitis, tubercular.....	1	Fistula in ano.....	7
Epilepsy.....	11	Fistula in elbow.....	1
Epilepsy, chronic.....	2	Fistula, intestinal, in inguinal re-	
Epilepsy, Jacksonian.....	1	gion .....	1
Epistaxis .....	1	Fistula, lachrymal.....	1
Epithelioma of arm.....	1	Fistula, para-urethral .....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Fistula, urinary.....	1	Fracture of malleolus, external...	6
Fistula, urinary, of scrotum.....	1	Fracture, malleolus, internal.....	2
Foecal obstruction.....	1	Fracture of metacarpus.....	2
Floating kidney.....	1	Fracture of metatarsus.....	4
Foreign body in elbow.....	1	Fracture of nasal bone and wound of scalp.....	1
Fracture of acromion process of scapula.....	1	Fracture of nose.....	1
Fracture of ankle.....	2	Fracture of nose and lacerated wound of scalp.....	1
Fracture of arm, ununited.....	1	Fracture of os calcis.....	1
Fracture of arm and leg.....	1	Fracture of patella.....	3
Fracture of clavicle.....	14	Fracture of pelvis and synovitis of knee.....	1
Fracture, Colles'.....	8	Fracture, Potts'.....	13
Fracture, Colles', and fracture of clavicle.....	1	Fracture, Potts', compound.....	1
Fracture of coracoid process.....	1	Fracture of radius.....	5
Fracture of crest of ilium.....	1	Fracture of radius and ulna.....	2
Fracture of distal phalanx.....	1	Fracture of radius and ulna and wound of scalp.....	1
Fracture of femur.....	14	Fracture of ribs.....	16
Fracture of femur, old.....	1	Fracture of ribs and contusions...	2
Fracture of femur intracapsular...	5	Fracture of ribs and sternum.....	1
Fracture of fibula.....	4	Fracture of scapula.....	2
Fracture of frontal bone and ne- crosis.....	1	Fracture of skull.....	4
Fracture of humerus.....	7	Fracture of spine.....	1
Fracture of humerus, infected,....	1	Fracture of tibia.....	10
Fracture of humerus, compound comminuted.....	1	Fracture of tibia and clavicle.....	1
Fracture of humerus, femur, tibia and fibula, compound.....	1	Fracture of tibia and fibula.....	15
Fracture of inferior maxilla.....	10	Fracture of tibia and fibula, com- pound.....	3
Fracture of malar bone.....	1	Fracture of toe.....	

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Fracture of ulna.....	2	Gumma of scalp and shoulder....	1
Frostbite.....	1	Gumma of frontal bone.....	1
Furuncles.....	3	Gumma, syphilitic, of tibia.....	3
Furunculosis.....	3	Hæmatoma.....	1
Ganglion biceps femoris.....	1	Hæmorrhage cerebral.....	5
Gangrene of finger.....	1	Hæmorrhage, pulmonary.....	1
Gangrene of foot.....	1	Hæmorrhage, due to syphilitic ul-	
Gangrene of too.....	2	ceration of pharynx.....	1
Gangrene, due to rupture of axil-		Hæmorrhage, into-vitreous.....	1
lary artery.....	1	Hæmorrhoids.....	16
Gangrene, pulmonary.....	3	Hæmorrhoids, external.....	3
Gangrene, senile.....	2	Hæmorrhoids, internal.....	6
Gastritis.....	9	Hallux valgus.....	1
Gastritis, chronic.....	8	Headache.....	4
Gastritis, sub-acute.....	4	Heart, degeneration of, granular..	5
Gastritis and floating kidney.....	1	Heart, degeneration of, and ather-	
Gastro-enteritis.....	1	oma of aorta.....	1
Gastrostomy and tracheotomy....	1	Heart, dilatation of.....	10
Genu valgum.....	1	Heart, dilatation of, alcoholic....	1
Glandular enlargement of axilla..	1	Heart, embolism of.....	1
Glaucoma.....	2	Heart, fatty.....	4
Glaucoma, double.....	1	Heart, fatty degeneration of.....	3
Gleet.....	1	Heart, fatty degeneration of and	
Gonorrhœa.....	6	of kidneys.....	1
Gonorrhœa and paraphimosis.....	1	Heart, irritable.....	1
Gonorrhœa and rheumatism.....	1	Heart, palpitation of.....	1
Gout.....	16	Heart, senile.....	1
Gout, rheumatic.....	1	Heart, valvular disease of.....	47
Granulated eyelids and pannus...	1	Heart, valvular disease of and	
Gumma of arm and neck.....	1	ascites.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Heart, valvular disease of and congestion of lungs.....	1	Hydrocele of cord.....	1
Heart, valvular disease of and erysipelas.....	1	Hyperesthesia of foot.....	1
Heart, valvular disease of and kidney disease.....	1	Hypertrophy of cervix uteri.....	1
Heart, weak.....	2	Hypertrophy of prostate gland....	2
Helminthiasis.....	1	Hypochondriasis.....	1
Hematocele.....	2	Hypospadias.....	
Hematoma.....	1	Hysteria.....	3
Hemicrania.....	3	Hysteria climacteric.....	1
Hemiplegia.....	16	Hysteria and phantom tumor of kidney.....	1
Hemiplegia, apoplectic.....	1	Ichthyosis.....	1
Hemoptysis.....	1	Icterus, gastro-duodenal.....	3
Hepatitis.....	2	Icterus, gastro-duodenal and malaria.....	1
Hepatitis, traumatic.....	1	Idiocy.....	1
Hernia....	2	Imbecility.....	1
Hernia and chronic bronchitis....	1	Imbecility, senile.....	1
Hernia, bi-lateral.....	1	Inanition.....	1
Hernia, femoral.....	1	Inanition and fracture of ankle....	1
Hernia, inguinal.....	8	Inanition and septicaemia.....	1
Hernia, inguinal, oblique.....	1	Incompetence mitral.....	6
Hernia, strangulated.....	3	Indigestion.....	2
Hernia, ventral.....	3	Indigestion, intestinal and irritable bladder.....	1
Herpes, iris.....	1	Indigestion and bronchitis.....	1
Herpes, zoster.....	2	Inflammation of eye, chronic.....	2
Hip disease, tubercular, acute....	1	Inflammation of eyeball, lymphatic	1
Hip disease, tubercular, chronic...	1	Inflammation of leg.....	1
Hoematosalpinx.....	1	Inflammation of pelvis.....	1
Hydrocele.....	7	Inflammation of pelvis, chronic ...	1



## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Inflammation of uterus.....	1	Laceration of perineum and cystocele.....	1
Ingrowing toenail.....	3	Laceration of perineum and endocervicitis.....	1
Injury to ankle.....	1	Laceration of scalp.....	4
Injury to eyeball.....	2	Laceration of scalp and concussion of brain.....	1
Insanity.....	6	Laceration of toe.....	1
Insanity and heart disease.....	1	La grippe.....	9
Insomnia.....	3	Laryngitis, tubercular.....	2
Insufficiency, aortic, pleuritis and gout.....	1	Laryngitis, ulcerative.....	1
Intestinal obstruction and surgical shock.....	1	Leucocythemia.....	2
Iridocyclitis.....	1	Lipoma of neck.....	1
Iritis.....	11	Locomotor ataxia.....	4
Iritis and boil near eye.....	1	Lumbago.....	11
Iritis, chronic.....	1	Lumbago and sciatica.....	1
Iritis, double.....	1	Lupus of face.....	1
Iritis, specific.....	3	Lymphangitis, axillary.....	1
Iritis, specific, double.....	1	Lymphangitis, inguinal.....	1
Iritis, traumatic.....	2	Lymphangitis of arm.....	1
Irritable bladder.....	3	Lymphangitis of foot.....	1
Jaundice, catarrhal.....	5	Lymphangitis of leg.....	1
Keratitis.....	2	Lympho sarcoma of leg.....	1
Keratitis, specific.....	1	Malignant disease of neck.....	2
Keratitis, traumatic.....	1	Malignant disease of pancreas.....	1
Laceration of cervix uteri.....	6	Malignant growth below eye.....	1
Laceration of cervix and curetting.....	1	Malignant growth of neck.....	2
Laceration of cervix and perineum.....	4	Mania puerperal.....	1
Laceration of elbow.....	1	Mania puerperal and phthisis pulmonalis.....	1
Laceration of face.....	1	Marasmus.....	1
Laceration of lip.....	1		
Laceration of perineum.....	8		

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Mastoiditis.....	1	Necrosis of rib.....	1
Measles.....	1	Necrosis of toe.....	2
Meniere's disease.....	4	Nephritis, acute interstitial.....	7
Meningitis.....	3	Nephritis, acute parenchymatous..	1
Meningitis, chronic.....	1	Nephritis, chronic interstitial.....	4
Meningitis, suppurative.....	1	Nephritis, chronic parenchyma-	
Meningitis, tubercular.....	3	tous.....	4
Meningitis and traumatism.....	1	Nephritis, chronic and insanity ...	1
Menorrhagia.....	1	Nephritis, and epilepsy.....	1
Metritis.....	2	Nephritis, parenchymatous double	1
Metritis, acute.....	1	Nephritis, parenchymatous and	
Mitral, aortic and valvular disease		valvular disease of heart.....	1
of heart.....	2	Nervousness.....	1
Mitral, systolic.....	2	Nervous prostration.....	1
Mitral, systolic, double aortic.....	4	Neuralgia, supra orbital.....	5
Mitral, rough systolic and soft		Neuralgia, facial.....	2
systolic, aortic.....	1	Neuralgia, intercostal.....	8
Monomania.....	2	Neuralgia, intercostal and alcohol-	
Morphine habit and pneumonia....	1	ism.....	1
Morphinism.....	7	Neurasthenia.....	14
Morphinomania and hysteria.....	1	Neurasthenia, sexual.....	1
Movable kidney.....	1	Neuritis.....	5
Mumps.....	3	Neuritis, alcoholic.....	1
Myodemia.....	1	Neuritis, alcoholic, peripheral....	2
Necrosis of femur.....	3	Neuritis, multiple.....	5
Necrosis of finger.....	2	Neuritis, multiple and phthisis...	3
Necrosis of frontal bone.....	1	Neuritis, optic.....	1
Necrosis of inferior maxilla.....	2	Neuritis, specific.....	2
Necrosis of superior maxilla.....	1	Neuro-fibroma of right lumbar	
Necrosis of metacarpal and phalan-		region.....	1
geal bones.....	1	Neurosis, traumatic.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS	NO. CASES.	DIAGNOSIS.	NO. CASES.
Obesity.....	1	Paralysis, spastic.....	1
Obstruction of oesophagus.....	1	Parametritis.....	2
Obstruction of gallbladder.....	1	Paraplegia.....	2
Edema, pulmonary.....	2	Paresis.....	6
Onanism.....	2	Paresis, senile.....	1
Orchitis.....	14	Paronychia.....	1
Orchitis, gonorrheal.....	1	Pediculi capitis.....	13
Orchitis, tubercular.....	1	Pediculi capitis and eczema.....	1
Orchitis and epididymitis.....	1	Pediculi corporis.....	2
Osteo-sarcoma.....	2	Pediculi vestimenti.....	1
Ostitis tubercular.....	1	Periarthritis.....	1
Otitis, media.....	2	Pericarditis.....	1
Otitis, media and mastoiditis. ....	1	Pericarditis, chronic.....	2
Otitis, media, chronic.....	1	Pericarditis, effusive.....	1
Otorrhea, purulent.....	1	Periostitis of femur.....	1
Ovaritis (ovariotomy vaginal).....	1	Periostitis of metacarpus.....	1
Ovaritis.....	1	Peritonitis, acute.....	2
Ovaritis and lacerated perineum..	1	Peritonitis, chronic.....	1
Ovaritis and pelvic peritonitis.....	1	Peritonitis, chronic and alcoholism	1
Ozena, chronic.....	2	Peritonitis, pelvic.....	3
Painful breast.....	1	Peritonitis, purulent.....	1
Palsy, cervical.....	1	Peritonitis, suppurative.....	1
Paralysis, agitans.....	1	Peritonitis, tubercular.....	2
Paralysis, bulbar.....	1	Pes planus.....	2
Paralysis and decubitus.....	1	Pharyngitis, acute.....	2
Paralysis, facial and necrosis of		Phimosis.....	3
knee bone.....	1	Phimosis and bubo.....	1
Paralysis, general.....	6	Phlebitis.....	1
Paralysis, peripheral.....	1	Phlegmon of arm.....	6
Paralysis, plastic.....	1	Phlegmon of elbow.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Phlegmon of face.....	2	Pneumonia and cirrhosis of kidneys.....	1
Phlegmon of hand.....	9	Pneumonia and nephritis.....	1
Phlegmon of knee.....	1	Pneumonia and phlebitis.....	1
Phlegmon of leg.....	2	Podagra.....	1
Phlegmon of wrist.....	1	Poisoning, ammonia.....	1
Phthisis pulmonalis, sub-acute and chronic.....	206	Poisoning, arsenic.....	1
Phthisis, acute.....	139	Poisoning, strychnine.....	1
Phthisis, fibroid.....	3	Poisoning, uremic.....	1
Phthisis, laryngeal .....	1	Polypi, nasal.....	1
Phthisis and ischio-rectal abscess...	1	Polypi, rectal.....	1
Phthisis and malaria.....	2	Polypi, uteri.....	1
Phthisis and morphinism.....	2	Potts' disease.....	3
Phthisis and valvular disease of heart.....	2	Pregnancy.....	203
Pleurisy.....	22	Pregnancy and puerperal cardiac thrombosis.....	1
Pleurisy, effusive.....	1	Prolapse of anus.....	2
Pleurisy, traumatic.....	2	Prolapse of rectum.....	1
Pleuritic effusion and oedema of lungs'.....	2	Prolapse of uterus.....	3
Pleurodynia.....	10	Prostatitis.....	1
Pneumonia, acute.....	75	Psoriasis.....	1
Pneumonia, chronic.....	3	Psoriasis, specific.....	2
Pneumonia, croupous .....	1	Pterygium.....	2
Pneumonia, double.....	2	Purpura haemorrhagica.....	2
Pneumonia, hypostatic.....	4	Pyelitis.....	1
Pneumonia, suppurative.....	1	Pyemia.....	2
Pneumonia, terminal.....	1	Pyonephrosis.....	4
Pneumonia and carcinoma of oesophagus.....	1	Pyosalpinx.....	6
		Pyosalpinx and cystic ovary.....	2
		Regurgitation, aortic.....	7
		Regurgitation, aortic, double.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Regurgitation, 'mitral.....	4	Salpingitis, acute.....	1
Retention of urine.....	1	Salpingitis, chronic.....	1
Retinitis .....	1	Salpingitis and ovaritis..	1
Retraction of lungs.....	1	Salpingo-oophoritis.....	1
Retroflexion of uterus.....	2	Sarcoma of axilla, fibro-cysto....	1
Retroversion of uterus .....	4	Sarcoma of bladder.....	1
Retroversion of uterus and ad- hesion,.....	1	Sarcoma of breast.....	1
Rheumatoid, arthritis .....	1	Sarcoma of eye .....	1
Rheumatism, articular, acute.....	38	Sarcoma of liver.....	1
Rheumatism, articular, sub-acute..	14	Sarcoma of neck.....	2
Rheumatism, articular, chronic...	4	Sarcoma of thigh.....	2
Rheumatism, fibrous.....	1	Scald of arms.....	1
Rheumatism, gonorrheal.....	3	Sciatica.....	11
Rheumatism, gonorrheal and strict- ure urethrae.....	1	Sclerosis, amyotrophic lateral.....	1
Rheumatism, muscular, acute.....	83	Scorbutus.....	1
Rheumatism, muscular, chronic...	24	Senility.....	2
Rheumatism and aortic stenosis...	1	Septicæmia .....	3
Rheumatism and catarrhal jaun- dice .....	1	Septicæmia, puerperal .....	1
Rheumatism and chorea .....	1	Septicæmia and extravasation of urine.....	1
Rheumatism and valvular lesion..	1	Simulation .....	3
Rheumatism and valvular disease of heart.....	3	Sinus of stump.....	1
Rhinitis, chronic.....	1	Softening, cerebral (senile).....	2
Rupture of lateral ligaments of knee joint.....	1	Softening, cerebral, acute .....	1
Rupture of lumbar muscles.....	1	Spondylitis, lumbar and pulmon- ary tuberculosis.....	1
Rupture of quadriceps tendon.....	1	Sprain of ankle.....	33
		Sprain of ankle and contusions....	2
		Sprain of ankle and effusion in knee joint.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Sprain of ankle and lipoma gluteal region .....	1	Suture of anterior wall of vagina (cysto-vaginal fistula).....	1
Sprain of back .....	2	Synovitis of shoulder joint.....	2
Sprain of foot and contusion.....	1	Synovitis, suppurative, of finger....	1
Sprain of hip.....	1	Synovitis, suppurative, of elbow joint.....	1
Sprain of shoulder.....	1	Synovitis, tubercular of hip joint..	2
Sprain of toe .....	2	Synovitis, tubercular of knee joint	1
Sprain of wrist .....	5	Synovitis of knee.....	2
Sprain of wrist and contusion of side.....	1	Syphilide, pustular .....	1
Staphyloma, anterior and phlyctenular ulcer.....	1	Syphilis, cerebral.....	2
Stenosis, aortic.....	2	Syphilis, secondary stage.....	38
Stenosis, mitral.....	1	Syphilis, tertiary stage.....	1
Strain, muscular .....	1	Syphilis of kidneys and pneumonia	1
Strain of back and ankle joint....	1	Syphilis and gonorrhoea.....	1
Strain of leg.....	1	Syphilis and specific glaucoma....	1
Strain of pelvis.....	1	Syphilitic throat (mucous plaques).	1
Strain of shoulder.....	1	Syphilomania.....	1
Stricture, multiple.....	1	Tapeworm.....	1
Stricture, traumatic.....	3	Tetanus.....	2
Stricture, urethral.....	19	Thrombosis.....	1
Stricture of oesophagus.....	1	Thrombosis, venous.....	1
Stricture of rectum.....	1	Tonsillitis.....	14
Stricture and orchitis.....	1	Tonsillitis, follicular.....	2
Stricture and urinary fistula.....	1	Trachoma .....	7
Strumous cervical glands.....	1	Traumatism of back .....	1
Suppression of urine.....	3	Traumatism of leg.....	1
Suppurative axillary glands.....	1	Traumatism of shoulder.....	1
Suture of median nerve (laceration)	1	Tubercular disease of joints.....	1
		Tubercular knee.....	1

## DISEASES OF PATIENTS—CONTINUED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Tubercular sinus of perineum.....	1	Ulcer of knee,*syphilitic.....	2
Tubercular testicle.....	1	Ulcer of knee, tubercular.....	1
Tuberculosis, miliary.....	2	Ulcer of leg..	63
Tuberculosis, miliary and aortic regurgitation.....	1	Ulcer of leg, chronic.....	4
Tuberculosis of bowels.....	1	Ulcer of leg, specific.....	1
Tuberculosis of bowels, bladder and kidneys.....	1	Ulcer of leg and delirium tremens	1
Tuberculosis of wrist joint .....	2	Ulcer of neck, multiple.....	1
Tumor, abdominal.....	1	Ulcer of penis.....	1
Tumor, fibroid .....	1	Ulcer of stump.....	1
Tumor, ovarian.....	2	Ulcer of toe .....	2
Tumor, venal.....	1	Ulceration of neck.....	1
Tumor of femoral region .....	1	Ulceration of rectum.....	2
Tumor of neck.....	1	Urethritis.....	2
Tumor of scrotum.....	1	Urethritis and cystitis.....	1
Tumor of testicle.....	1	Urethrotomy, external.....	1
Typhlitis.....	2	Vaginitis (gonorrheal).....	4
Ulcer of leg, chronic, and eczema.	1	Varicocele .....	11
Ulcer, corneal.....	2	Varicose veins.....	11
Ulcer, corneal and iritis.....	1	Varicose veins and ulcer.....	2
Ulcer, phagedenic of cornea.....	1	Vertigo.....	2
Ulcer, syphilitic of frontal bone...	5	Vertigo, aural.....	1
Ulcer, varicose, of leg.....	31	Vomiting of pregnancy.....	1
Ulcer from burn. ....	1	Weak ankles.....	1
Ulcer of arm.....	1	Weakness, muscular.....	1
Ulcer of duodenum, perforating..	1	Wound, contused, of eyelid.....	1
Ulcer of feet.....	2	Wound, contused, of scalp .....	2
Ulcer of hand.....	1	Wound, gunshot, of arm.....	5
Ulcer of heel.....	1	Wound, gunshot, of arm and side..	1
		Wound, gunshot, of chest.....	1
		Wound, gunshot, of hand.....	2

## DISEASES OF PATIENTS—CONCLUDED.

DIAGNOSIS.	NO. CASES.	DIAGNOSIS.	NO. CASES.
Wound, gunshot, of head .....	3	Wound, infected, of scalp.....	1
Wound, gunshot, of knee.....	1	Wound, knife, of eye.....	1
Wound, gunshot, of leg.....	1	Wound, lacerated, of arm.....	2
Wound, gunshot, of neck.....	3	Wound, lacerated, of forehead....	1
Wound, gunshot, of thigh.....	3	Wound, lacerated, of knee.....	1
Wound of hand.....	1	Wound, lacerated, of scalp.....	14
Wound, incised, of back.....	1	Wound, poisoned, of hand.....	2
Wound, incised, of chest.....	1	Wound, punctured, of foot.....	2
Wound, incised, of eye .....	3	Wound, punctured, of thorax.....	2
Wound, incised, of face.....	1	Wound of scalp.....	13
Wound, incised, of foot.....	1	Wound, scald of arm.....	1
Wound, incised, of forehead.....	1	Wound, septic of thigh.....	1
Wound, incised, of head and hands	1	Wound, stab of chest.....	1
Wound, incised, of neck.....	2	Wound, stab of elbow.....	1
Wound, incised, of scalp.....	2	Wound, stab of groin.....	2
Wound, incised, of throat.....	1	Wound, stab of thigh.....	2
Wound, infected, of foot.....	1	Wound, stab of thorax.....	1
Wound, infected, of hand.....	1	Wound, traumatic of pelvis.....	1
Wound, infected, of leg.....	3		
Wound, infected, of neck.....	1	Total .....	3,422



## CAUSES OF DEATH OF PATIENTS.

DISEASES.	NO. CASES.	DISEASES.	NO. CASES.
Abscess of jaw and neck.....	1	Diabetes mellitus.....	1
Abscess of pelvis.....	1	Diabetes and ulcer of leg.....	1
Alcoholism.....	1	Dilatation of stomach, due to car-	
Alcoholism, acute, and hypostatic		cinoma of pylorus.....	1
pneumonia.....	1	Dysentery.....	1
Aneurism of aorta.....	3	Empyema.....	1
Appendicitis and surgical shock,	1	Empyema of right lung and tuber-	
Arthritis of knee joint, suppurative	1	culosis of left lung.....	1
Asthma.....	2	Endocarditis.....	1
Bright's disease.....	3	Epithelioma of mouth.....	1
Bronchitis, capillary.....	1	Erysipelas.....	3
Burn and pneumonia.....	1	Fever, typhoid.....	
Cancer of larynx.....	1	Fever, typhoid and pneumonia....	1
Cancer of liver.....	1	Fever, urinary and syphilis.....	1
Cancer of neck.....	3	Fracture of femur, neck.....	2
Cancer of stomach.....	2	Fracture of femur, cystitis and in-	
Carcinoma of breast.....	1	anition.....	1
Carcinoma of face and neck.....	1	Gangrene.....	1
Carcinoma of liver.....	3	Gangrene, pulmonary.....	3
Carcinoma of pylorus.....	1	Gangrene, senile.....	1
Carcinoma of stomach.....	1	Gastro-enteritis.....	1
Carcinoma of rectum.....		Heart, embolism of.....	1
Carcinoma of uterus.....	1	Heart, fatty.....	1
Caries of lower jaw.....	1	Heart, fatty and cirrhosis of liver..	1
Cirrhosis of kidneys.....	1	Heart, fatty degeneration of.....	5
Cirrhosis of liver.....	7	Heart, senile.....	1
Congestion, acute, of lung.....	1	Heart, degeneration of.....	4
Coroner's cases.....	32	Heart, valvular disease of.....	16
Cyst of kidneys.....	1	Heart, valvular disease of aortic	
Cyst of ovaries and laparotomy....	1	and mitral.....	1

## CAUSES OF DEATH OF PATIENTS—CONTINUED.

DISEASES.	NO. CASES.	DISEASES.	NO. CASES.
Heart, valvular disease of aortic double mitral systolic.....	1	Morphine habit.....	1
Heart, valvular disease of and congestion of lungs.....	1	Nephritis.....	2
Heart, valvular disease of and disease of kidneys.....	1	Nephritis, chronic.....	2
Heart, valvular disease of and erysipelas.....	1	Nephritis, parenchymatous double.	1
Hemiplegia.....	2	Nephritis, parenchymatous and valvular disease of heart.....	1
Hemiplegia, apoplectic.....	1	Nephritis, multiple and phthisis...	3
Hemorrhage, cerebral.....	4	Nephritis and epilepsy.....	1
Hemorrhage, due to syphilitic ulceration of pharynx.....	1	Neuritis, multiple.....	1
Hernia, strangulated.....	1	Oedema, pulmonary.....	2
Hernia, ventral.....	1	Osteo-sarcoma.....	3
Inanition.....	1	Paresis, senile.....	1
Inanition and fracture of ankle...	1	Peritonitis.....	2
Inanition and septicaemia.....	1	Peritonitis, purulent.....	1
Insufficiency, aortic, pleuritis and gout.....	1	Peritonitis, suppurative.....	1
Intestinal obstruction and surgical shock.....	1	Peritonitis, tubercular.....	1
Leucocythemia.....	2	Phthisis.....	126
Lymphosarcoma of neck.....	1	Phthisis, chronic.....	1
Mania, puerperal and phthisis.....	1	Phthisis, fibroid.....	1
Marasmus.....	1	Phthisis and morphine habit.....	1
Meningitis.....	3	Pleuratic effusion and oedema of lungs.....	1
Meningitis, cerebral.....	1	Pneumonia.....	38
Meningitis, suppurative.....	1	Pneumonia, croupous.....	1
Meningitis, tubercular.....	3	Pneumonia, hypostatic.....	4
		Pneumonia, terminal.....	1
		Pneumonia, typhoid.....	1
		Pneumonia and carcinoma of oesophagus.....	1
		Pneumonia and cirrhosis of kidneys	1

## CAUSES OF DEATH OF PATIENTS—CONCLUDED.

DISEASES.	NO. CASES.	DISEASES.	NO. CASES.
Poisoning, uremic.....	1	Stricture of oesophagus.....	1
Purpura, hemorrhagica.....	1	Syphilis.....	2
Pyæmia.....	2	Tetanus.....	2
Pyonephrosis.....	3	Thrombosis, puerperal cardiac....	1
Regurgitation, aortic.....	4	Tuberculosis.....	49
Regurgitation, mitral.....	1	Tuberculosis, miliary.....	4
Sarcoma.....	1	Tuberculosis, miliary and aortic regurgitation.....	1
Sarcoma, malignant.....	1	Tuberculosis, pulmonalis.....	6
Sarcoma of bladder.....	1	Tuberculosis of bowels.....	1
Scorbutus.....	1	Tuberculosis of lungs, bladder and kidneys.....	1
Septicæmia.....	3	Tuberculosis of spine.....	1
Septicæmia, puerperal.....	1	Tumor of ovaries.....	1
Septicæmia and extravasion of urine.....	1	Waxy kidney.....	1
Softening, cerebral.....	1		
Softening, acute.....	1		
Spondylitis lumbar and pulmonary tuberculosis.....	1	Total.....	465

## STEWARD'S REPORT.

SAN FRANCISCO, July 1, 1896.

*F. H. Stahle, M. D., Superintendent Physician  
Of the City and County Hospital—*

DEAR SIR: I beg to hand to you my report for the fiscal year ending June 30, 1896.

The expenses have been heavy in repairs and renewal of equipment, but I anticipate a much lower expenditure next year, in view of the superior manner in which our repairs have been made and the decrease in cost of staple provisions. These causes, together with the economic changes made during your administration, if steadily pursued, will insure a very satisfactory result.

The condition of the Hospital is very well expressed in the following extract from the report of a predecessor, Mr. Coe, in 1886: "The Hospital is getting old, and almost constant repairing is necessary; in fact, there is a general decay progressing throughout the buildings; besides, the demand for the supply of bedding will be very heavy in the near future."

All our repairs have been, and shall be, substantially made, and in renewing our equipment modern ideas shall have a place, and the general and permanent improvement of the institution be the main object.

I append, for your information, a general statement of the principal repairs effected; the whole in detail would consume too much space.

In the Executive Building the officers' dining-room has been tinted, painted and grained. New tables (made on the premises) have been furnished; new window shades have been provided where needed; the closets and bath-rooms have been tinted and painted, new pots placed where necessary, tanks and valves repaired and stop-valves fitted to every tank. A new clinic room has been added, namely, the Medical Out-Clinic, and equipped with the necessary examination tables and screens, made on the premises. Both Clinic Rooms have been tinted and grained. A Club Room for the internes has been built in the basement, and supplied with matting, chairs, etc. Basement water-closets have been refitted, and much has been done to improve the sanitary condition of the building.

In the Patients' Dining-room the ceiling has been re-plastered where the plaster had fallen, the room tinted and grained, and the furniture put in good condition. The table furniture here will be modernized as quickly as funds will permit.

In the nurses' quarters a class-room has been made in the corridor, lighted by gas, large table, chairs and curtains provided; water-closets and bath-room tinted and painted, new pots placed where necessary, valves and tanks overhauled, and stop-valves fitted to every tank.

In the kitchen the ranges have been repaired, copper utensils repaired and re-tinned, new faucets fitted over sinks and many other necessary repairs made.

In the laundry the engine has been overhauled and the lost motion has been taken up. This was done by our machinist. The centrifugal separator was repaired by outside help, and the washing drums by our carpenter.

In the boiler room and machine shop we repaired the Worthington pump, put in new piston and valves in both steam and water ends, remodeled pipes of pump and boiler throughout, and effected a great saving of fuel by using hot water for feed. Furnished new lubricator for pump; put in new backstand grate-bar and bridge-wall plate, and calked tubes and seams; repaired tools, built new work-bench and laid new floor underneath.

In the wards, etc., repaired 32 water-closets, fitted 9 new Rainier and 3 Budde pots, 20 half-inch inlet valves and 20 half-inch stop valves; furnished two new coal stoves for Wards C and E; repaired and painted 32 bedsteads; re-tinted Ward N closets and bathroom; also several pantries and stairways; traced water-supply pipes, fitted stop-valves and boxed same, so as to be able to shut water off from any ward.

In the stables four new stalls were re-built and new flooring laid. Repaired sewers and laid new sewer-pipes, where necessary, as far as the funds at our disposal would permit.

The cost of the principal repairs is as follows:

Repairs to buildings, sewers, etc., including material .....	\$1,075 00
Repairs to laundry.....	102 43
Repairs to boiler and machinery.....	328 90
Inspection of boiler.....	25 00
Repairs to stoves and kitchen utensils.....	180 00
	<hr/>
	\$1,711 33

In view of the fact that the Supervisors promised to create a special fund for repairs, and an expert has been sent by them to ascertain their extent, I omit my list of requirements in that direction.

Respectfully

GEORGE ROBINSON,  
Steward City and County Hospital.

## APOTHECARY'S REPORT.

SAN FRANCISCO, July 1, 1896.

*F. H. Stahle, M.D., Superintendent Physician**Of the City and County Hospital—*

DEAR SIR: I herewith submit a report of the Drug Department for the fiscal year ending June 30, 1896.

Respectfully,

WM. M. HICKMAN,  
Apothecary.

STATEMENT SHOWING MONTHLY EXPENDITURES DURING THE  
FISCAL YEAR ENDING JUNE 30, 1896.

	Drugs.	Surgical Goods.	Surgical Instruments, etc.	Whisky.	Port wine.	Sherry wine.	Claret.	Alcohol.	Total during month.
1895.									
July.....	\$415 26	\$250 31	\$1 75	\$106 40	\$63 75				\$837 47
August.....	314 13	265 07	8 50						587 70
September.....	398 87	191 16		79 46		75 00			744 49
October.....	406 04	220 85		89 70	75 00		44 87	403 30	1,295 76
November.....	476 09	167 48	25						643 82
December.....	457 04	209 10	46 35	94 35			33 50		840 34
1896.									
January.....	473 87	248 83	5 45	188 87	52 00		16 75		985 77
February.....	438 53	186 85		87 21					706 59
March.....	383 81	230 94	2 00	87 40			23 50		727 65
April.....	384 13	155 83	1 50	93 03	51 00				685 49
May.....	554 60	183 79		193 03		55 50			1,911 92
June.....	213 34	164 67			55 00				433 01
Totals.....	\$4,915 71	\$2,473 88	\$65 80	\$1,019 45	\$296 75	\$130 50	\$118 62	\$409 30	\$9,480 01

Total amount of expenditures.....	\$9,480 01
Goods furnished during the year, as follows:	
To Magdalen Asylum.....	\$113.15
To Twenty-sixth Street Hospital .....	110 25
To Out Clinic, 12,663 prescriptions, at 20c.....	2,532 60
To Out Clinic, surgical dressings, etc.....	100 00
	<hr/>
	2,856 00
Net balance.....	<hr/> \$6,624 01
Average daily number of patients for the year.....	332.2
Average daily cost per patient.....	0.054

## STATEMENT OF ARTICLES AND FROM WHOM PURCHASED.

FROM WHOM PURCHASED.	Drugs.	Surgical Goods and Appliances.	Surgical Instruments and Repairs.	Whisky.	Port Wine.	Sherry Wine.	Claret	Alcohol.
Redington & Co.	\$1,497 55	\$856 53						
Wakelee & Co.	71 37							
D. Munson.	10 00							
Langley & Michaels.	1,639 44	806 89						
Waller Bros.	1 50							
Mau, Sadler & Co.	52 51							
R. Althes.	91 25							
Mack & Co.	1,193 52	731 53						
A. J. Lengfelt.	31 00							
Jones & Co.	15 90							
Pacific Supply Co.	17 50							
Foelker Bros.		15 72	\$1 50					
Goodyear Rubber Co.		35 61						
Miller, Schloss & Scott.		2 85						
Randall and Becton.		16 50						





## MILK INSPECTOR'S REPORT.

SAN FRANCISCO, July 1, 1896.

*To the Honorable Board of Health**Of the City and County of San Francisco—*

GENTLEMEN: I have the honor to submit the following report for the fiscal year ending June 30, 1896.

The work of inspection has proceeded with anything but smoothness. Numerous obstacles were encountered from the fact that dealers were unused to have their wagons stopped and adulterated milk destroyed. It gives me great pleasure, however, to state that good results have been obtained, considering the short space of time, viz., nine months, since my appointment, and considering the further fact that there is but one Milk Inspector for a city over seven miles square, and that there is no appropriation for any inspection according to a general system.

I am sorry to see that after the strenuous and untiring efforts of the Board of Health, together with the splendid results which have been produced in the inspection of milk, that the department has not met with the assistance which it deserves.

San Francisco is the only large city in the Union which has not a complete milk and food inspection department, and, unless a thorough system is established, it is almost useless to expect much improvement in the general condition of affairs as they now exist. The most necessary recommendation that can be made at this time is the opening of the four food inspection stations which have been established and should have been in operation many months ago. Considering that milk arrives in this city during every hour of the day and night, and from all adjacent counties, you will at once recognize the importance of the above recommendation. It is also a matter of grave importance, and in fact most necessary, that the department establish and maintain a laboratory in order that the proper analysis of foods can be made.

Following is a summary of work done from October 1, 1895, to June 30, 1896:

Number of arrests.....	228
Number of dairies visited.....	127
Number of samples of milk taken from wagons.....	1,722
Number of gallons of milk condemned and destroyed.....	7,280
Number of samples of milk taken from grocery stores, hotels and restaurants.....	265
Number of cows inspected.....	3,784
Number of cows killed.....	36

Respectfully,

JAMES P. DOCKERY,  
Milk Inspector.

# REPORT OF THE BOARD OF HEALTH

## OF THE CITY AND COUNTY OF SAN FRANCISCO.

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*To the Honorable the Mayor of the City and County of San Francisco—*

DEAR SIR: While it has not been customary for the Board of Health of this city to make or file any report of its proceedings and official conduct, other than such as is to be found in the minutes of its meetings and its correspondence, it would seem in the last degree not only proper but necessary that such a report should be made annually.

As no provision is made therefor, we have concluded that such a report should be directed to the Mayor of the city, who is not only the head of the city government, but seems to have been specially charged with attention to the matter of the public health, being made, by virtue of his office of Mayor, the President of the Board of Health.

This Board entered upon its duties of office on the 17th day of July, 1895, the day of its first meeting. A brief survey of the situation then existing will be at least significant.

The total expense of the city government for the year 1895 was over \$6,400,000. The total appropriation for the Department of Public Health in that year was \$26,000. This appropriation had remained practically stationary for about twenty-five years, during which time the population, the populated area and the city's expenses had about doubled. The law provided for the following officers of the Health Department, namely: A Health Officer, a Secretary and Assistant, six Health Inspectors, one Market Inspector and one Messenger. The Board of Supervisors, however, had appropriated sufficient money for a Plumbing Inspector and Assistant and three Assistant Market Inspectors. This was the force provided by law for the Public Health Department of a city seven miles square, containing 350,000 inhabitants.

We have attempted to indicate the deficiencies of this Department by a statement of what the Department had, rather than what it lacked, in order to bring this report within reasonable limits; but it may not, nevertheless, be improper to mention the fact that the city was without an ambulance system, and that it had no laboratory of any kind, nor any Chemist nor Food Inspector, nor any Inspector of Schools, Baths or Laundries, or Bakeries or Sewers; and that its City and County Hospital, its Pesthouse, its Almshouse and its Emergency Hospital, whose officers were appointed by this Board, were all four far from creditable to the city.

Former Boards of Health had considered that further legislation or additional appropriations were alike practically impossible, and therefore accepted what seemed to them to be the inevitable and left this Department as they found it—wretched, insufficient, disgraceful and, as they thought, hopeless of betterment. This Board believed, first, that the paramount functions of its office must be accompanied by legal powers equally great, and, secondly, that the public would approve of the appointments and sanction the appropriations necessary to safeguard the public health. And so believing, it proceeded on both of these lines of legal power and public approval to make such appointments and obtain such municipal appropriations as would accomplish this important purpose.

In its work in this regard the Board has had the good fortune to be aided, not only by its regular attorney, the late Mr. Dennis Spencer, who devoted himself to this work with earnestness and enthusiasm, and since his death by its eminent counselor, Mr. Garret W. McEnerney, but both as a friend and a private legal adviser of the Board, its work has been furthered by Mr. J. B. Reinstein and also by Mr. Isidor Jacobs, the latter of whom has been a tireless and efficient worker in the interest of the public health, and the former of whom first gave to this Board a clear and convincing exposition of its paramount legal powers in matters concerning the public health; who drew and aided the adoption of the Milk Ordinance of this city and suggested therein the plan for the four Open Public Food Inspection Stations; who indicated the line of procedure to destroy premises unfit for human occupation, and the movement for obtaining additional appropriations, and, in fact, consulted and advised with this Board almost daily on every important step it has taken since the Board was organized.

Though this Board was informed in July, 1895, that it had the legal power to make all appointments necessary for a proper Health Department, it preferred first to try to obtain the necessary appropriations and sanction from the usual channel, namely, the Board of Supervisors. Therefore, only the most necessary appointments, such as a Public Vaccinator, a Milk Inspector, a Veterinary Surgeon and a Bacteriologist, were made at once, and milk and dairy inspections were begun promptly, and the Milk Ordinance passed, with what immediate and complete success and saving of infant mortality this community is generally well aware and the records clearly show. The effective and courageous public service of the Milk Inspector, Mr. James P. Dockery, is deserving of more than passing notice. His experience has made clear the fact, not only that adulteration of food, especially milk, was general in this city, but that the present system of inspection, by one or two men, of the food coming into a city seven miles square during every hour of the twenty-four, was utterly inadequate, and that the plan of Open Food Inspection Stations at the four approaches to the City, which stations are kept open night and day, is the only method which will insure a thorough and systematic inspection of the daily food supply of the inhabitants.

With the force at first appointed, however, this Board undertook and made, not only the inspections of milk and dairies, but also the examination of dairy herds by the United States Tuberculin Tests, and the killing of tuberculous cattle, which has resulted most advantageously to this City, and also a thorough examination of the water supply of the City, taking numerous samples from all reservoirs, careful analysis of which samples indicated an excellent water supply, except in one instance, which was remedied promptly. It also undertook, and has carried to a successful conclusion and termination, the destruction of premises unfit for human occupation, and has made good, and generally appreciated in this community, the language of the public letter of this Board indicating its purpose in this behalf: "*This Board will see to it that light, SUNLIGHT if possible, and pure air, shall permeate the habitation of every human being in San Francisco, and that the dark, damp, foul places below and above ground, which breed and emphasize disease, moral as well as physical shall do so no longer.*"

This work was done by calling into conference with this Board the Chiefs of the Police and Fire Departments and the Chinese Consul to aid the Board in the enforcement of sanitary regulations, especially those which had to be carried out in the so-called Chinese quarter. After considerable discussion, and the expression of some doubt as to the power of the Board to destroy premises, except after judicial condemnation thereof, an inspection of the premises sought to be condemned was made by this Board and the Health Officer,

and the Chiefs of the Police and Fire Departments, the President of the Police Commission and representatives of the Chinese Consulate, and thereafter condemnations were made by the Board in numerous instances; and, after legal notice to the tenants to vacate the condemned premises, such premises were torn down to the ground, and the cost of so doing made a lien upon the property, thus vindicating the superior right and claim of life and health over so-called property. Up to the present time twenty-eight houses have been condemned by this Board as public nuisances, of which fourteen have been destroyed by the Board, three by their owners, and the balance await destruction; while thirty-eight other houses have been inspected and will be condemned shortly. In a few instances injunction suits were brought against the Board to restrain it from destroying condemned buildings, but in every case reached thus far the plaintiff has either been beaten or has abandoned his suit, or has torn down his own premises at his own expense. These condemnations will be continued in every portion of the City as rapidly as the number of officers of this Board will permit. In this connection it may be well to note that this Board has ordered, and there is now being conducted, a house-to-house inspection of every building in this City for the purpose of determining whether all sanitary regulations are being properly carried out, such inspection being conducted by the entire Police force of this City: every officer, regular or special, having a regular beat in this City being ex officio a Health Inspector. This method is found to work most advantageously, and is practically the only one approaching anything like thoroughness and system. For the first time in the history of this City, about 500 policemen have been engaged as Health Inspectors, making a thorough and systematic investigation and report of the sanitary condition of every part of the City. During the short period of this inspection 15,147 houses have been visited and 402 nuisances abated therein, all due to such inspection. For the invaluable aid of the Police and Fire Departments of this City in the foregoing matter, too much praise cannot be given to Mr. P. J. Crowley, Chief of the Police Department, and Mr. Dennis Sullivan, Chief of the Fire Department, whose assistance and counsel have been rendered to this Board at all times and in all proper ways in furtherance of the public health.

This Board also inaugurated a system of flushing the sewers, cess-pools and gutterways of the streets at the same time, by opening a large number of hydrants at once along the line of a single street, from the top of the hill to the sewer outlet, a method which has resulted not only in cleaning the gutter-ways and the corner cess-pools, but in throwing a large volume of water through the sewers of a single street, in this way doing effective service.

From the time this Board has been in office, it has been engaged continuously down to the 21st day of September, in persistent, ceaseless and varied efforts to obtain from the Board of Supervisors of this city a sufficient appropriation for a proper Health Department. These efforts were made by letters and verbal appeals to the proper committees of the Board of Supervisors, who were addressed on that subject frequently; by correspondence with the Board itself, and with the late Grand Jury, setting forth the needs of this Department; by a public meeting of all the associations in the city, organized in the city's interest, called the Chamber of Commerce, and generally attended, which meeting and its committees were addressed by Mr. Hugh Craig, President of the Chamber of Commerce, Rev. Dr. Stebbins, Mr. Isidor Jacobs, Mr. J. B. Reinstein and others, and which meeting adopted resolutions favoring the demanded appropriation, and which resolutions, setting forth the amounts demanded, were generally signed by taxpayers, including almost every commercial bank and real estate agent, wholesaler and capitalist, and building and loan association in the city.

At no time within twenty years past was it so difficult as during the present year to

obtain such an appropriation. The tax levy for the year 1895 of \$2.25 per hundred, coupled with the long-continued serious business depression, had given the public much reason to complain, and the Board of Supervisors ground to refuse the requested appropriation.

The Finance Committee of the Board had reported against any additional appropriation, except an insignificant one; but the Board of Supervisors, rising above political considerations and public clamor, to their credit be it said, gave the appropriation asked, almost in toto, and on September 21st, the appropriation for the Health Department of San Francisco was made \$65,000 00, instead of \$26,000 00, as fixed for the year 1895, and for the first time in its history San Francisco had an appropriation sufficient for a laboratory, for chemists, for an ambulance system, and school, bath, bakery, sewer, laundry and food inspectors, a clerk of vital statistics, a bacteriologist, a vaccinator, a veterinary surgeon, a typewriter and sufficient office expenses. While at practically the same time \$10,000 00 was set apart for the repairs of the City and County Hospital, and a sufficient appropriation to permit the destruction of the ram-shackle Pest House, which has disgraced the city for many years; sufficient money for the entire and proper outfitting of the Emergency Hospital, with operating tables, instruments and materials; and for the repairing and erection of sufficient buildings at the Almshouse to make that institution more creditable to the city.

It will be understood readily that as this department had been neglected so long, this Board has rendered far more service, and its time and attention have been absorbed far more than is usual, or was to be expected, in the conduct of this office. It will not be surprising, therefore, to learn that our regular meetings have averaged about one a week, while the conferences, inspections and investigations have necessitated our daily attention since our term of office began. These conferences have been with the representatives of professions, trades and pursuits, such as physicians, nurses, merchants, milkmen, butchers, bakers, plumbers, etc.; with the various officers of the city government, with the State Board of Health, with the federal authorities in the Quarantine Service, not only by day, but by night, and frequently with the same representatives time and time again.

Our inspections have been made of the schools and of the so-called Chinese and Latin quarters and the various other portions of the city, of the Pest House, the Almshouse, the hospitals, the bakeries, Butchertown, the slaughter-houses, hog-ranches, water supply and dairies, sewer system and the quarantine service. In addition to the ordinary inspections of the City and County Hospital and the Almshouse, the former has been investigated by a special committee for that purpose during many months, and the Almshouse likewise. The investigation of the last named institution being made under and in spite of political clamor and general prejudice, in favor of the Superintendent, whom we removed despite public outcry and press criticism and Grand Jury favoritism.

In the latter part of June of this year the United States authorities attempted to take charge of the Quarantine Service in a manner we considered demeaning to the dignity of the State of California. The correspondence of this Board in that behalf will indicate that the position taken by this Board was promptly recognized as correct by the United States, as proper toward the State of California, and resulting in greater efficiency of the Quarantine Service.

The care, or rather lack of care, of the insane of this city preliminarily confined prior to final commitment, has been most disgraceful for many years. Owing to the efforts of this Board, aided by the effective and kindly service of His Honor, Judge J. C. B. Hebbard, such persons are now treated with proper consideration and humanity, and have been given vastly improved accommodations.

The long neglect of almost every branch of the Health Department has necessitated

our almost constant attention to the most pressing immediate needs of the department. These we have labored steadily to mitigate, and hope still to continue so doing, while in addition we are anxious to take up and remedy certain great forms of evil and injury to the public health, of which we have not lost sight for a moment for the past year. Notably among these will be the tracing out and locating the causes of the many cases of Typhoid Fever in this city, and the attempt to prevent so great a mortality as hitherto exhibited in the records. Also the investigation and abolition of the unsanitary conditions which result in the spread of Diphtheria among school children, but above all the putting forth of still more vigorous efforts to check the progress of Tuberculosis.

Before concluding this report, the Board desires to emphasize and invites your attention to the matter of quarantining and destroying tuberculous cattle, as being an absolute and imperative necessity for the preservation of the health of the community. Carefully compiled statistics have shown that one-seventh of all deaths in the United States are the result of tuberculosis, and this Board has recognized with humiliation and chagrin that up to this time this most insidious and most fatal of all diseases has been permitted by ignorance, apathy and a spurious conservatism on the part of local authorities to become so prevalent as to cause the City of San Francisco to be identified as one of its favorite breeding places.

The neglect and indifference to the lamentable state of affairs evidenced by officials who have presumably been gifted by nature with the intelligence to recognize, and have been vested by popular suffrage with the power to prevent and abate this blight upon our population, calls for the most bitter condemnation, and should be classed as a crime against humanity. That vigorous and impartial action is necessary has been demonstrated to a certainty since the establishment of the Dairy Quarantine and the use of Tuberculin Tests. Previous to this action of the Board, the earnest efforts and warnings of the State Board of Health had fallen on ears which heard not, and were entirely ignored by those to whom they were addressed, but so soon as the milk supply of this great city was threatened, which was done by the letter of this Board addressed to the Board of Health of every county of this State, establishing a quarantine after October 1, 1896, on all cows, and the milk from cows, not subjected to the United States Tuberculin Tests, the commercial instinct and self-interest of stockmen and dairymen of every county contributing to the supply of this city, as well as to the cities of the interior, forced them into obedience to the dictates of the health authorities.

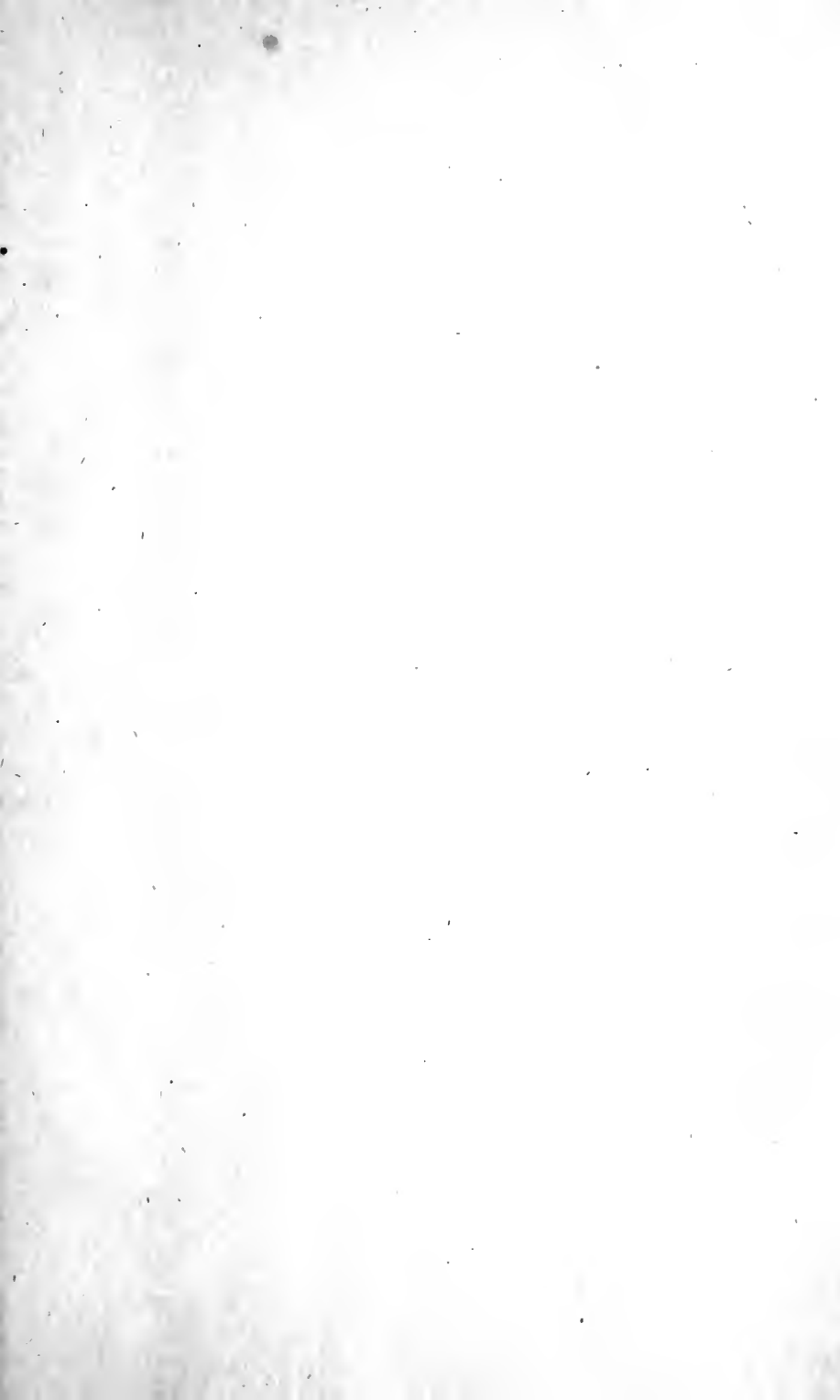
Although reference to the report of the Secretary shows a flattering decrease in the rate of infant mortality, a fact which is in itself very satisfactory to the Board, and can be credited beyond a doubt to the establishment of milk inspection, yet we feel that the work of active sanitation has but begun, and a vast deal remains to be accomplished.

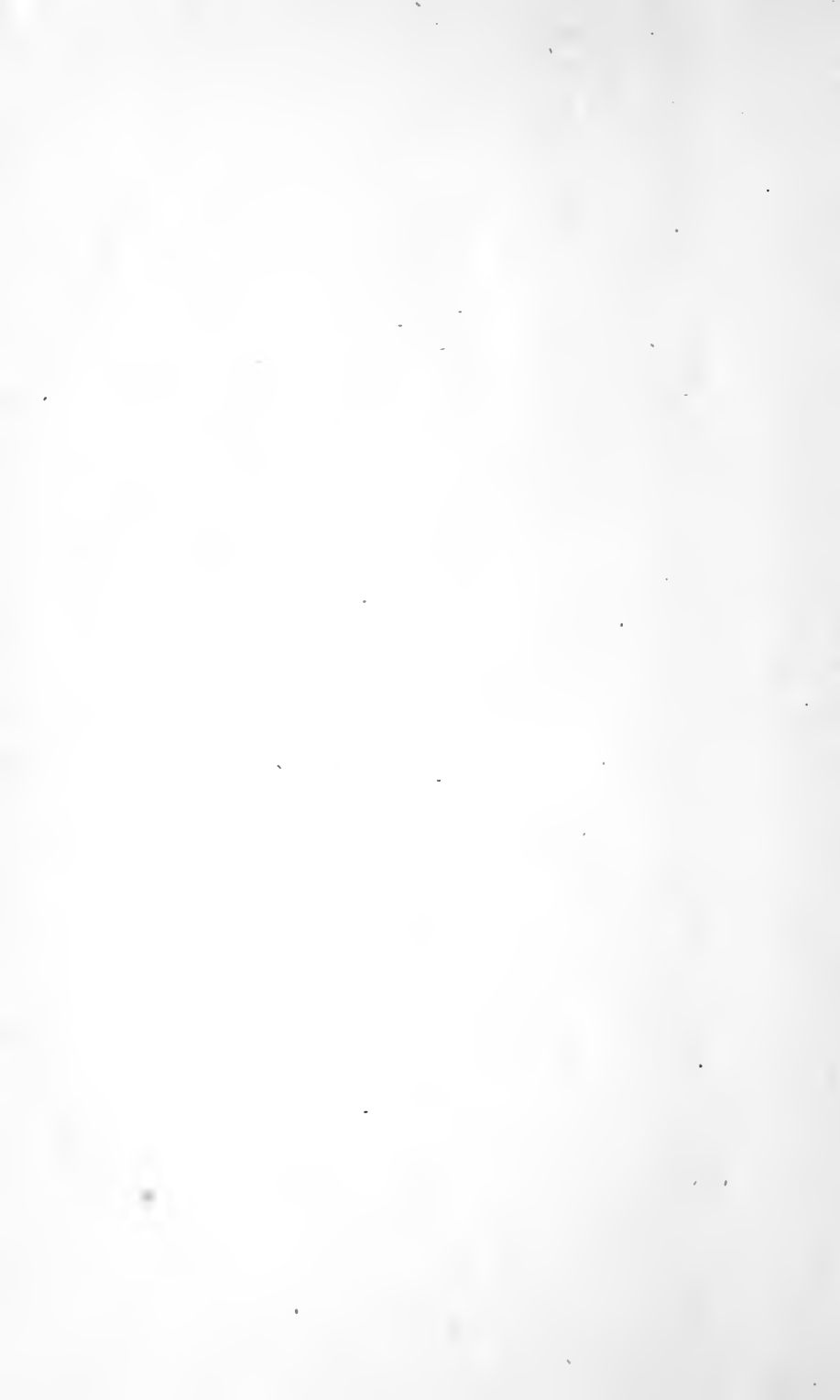
This warfare against disease and unsanitary conditions of every form will be carried still further and with more aggressiveness than before. The efforts of the Board will include the recommendation of the adoption of an ordinance prohibiting, under penalty of arrest, the habit of indiscriminate expectoration in streets and other public places, as well as other measures which will tend to educate the general public up to the proper recognition of Tuberculosis as a most fatal and infectious disease, and subject to the same regulations and same restrictions as those diseases which are now classed as dangerous and infectious, but which in comparison with Tuberculosis deserve but a fraction of consideration.

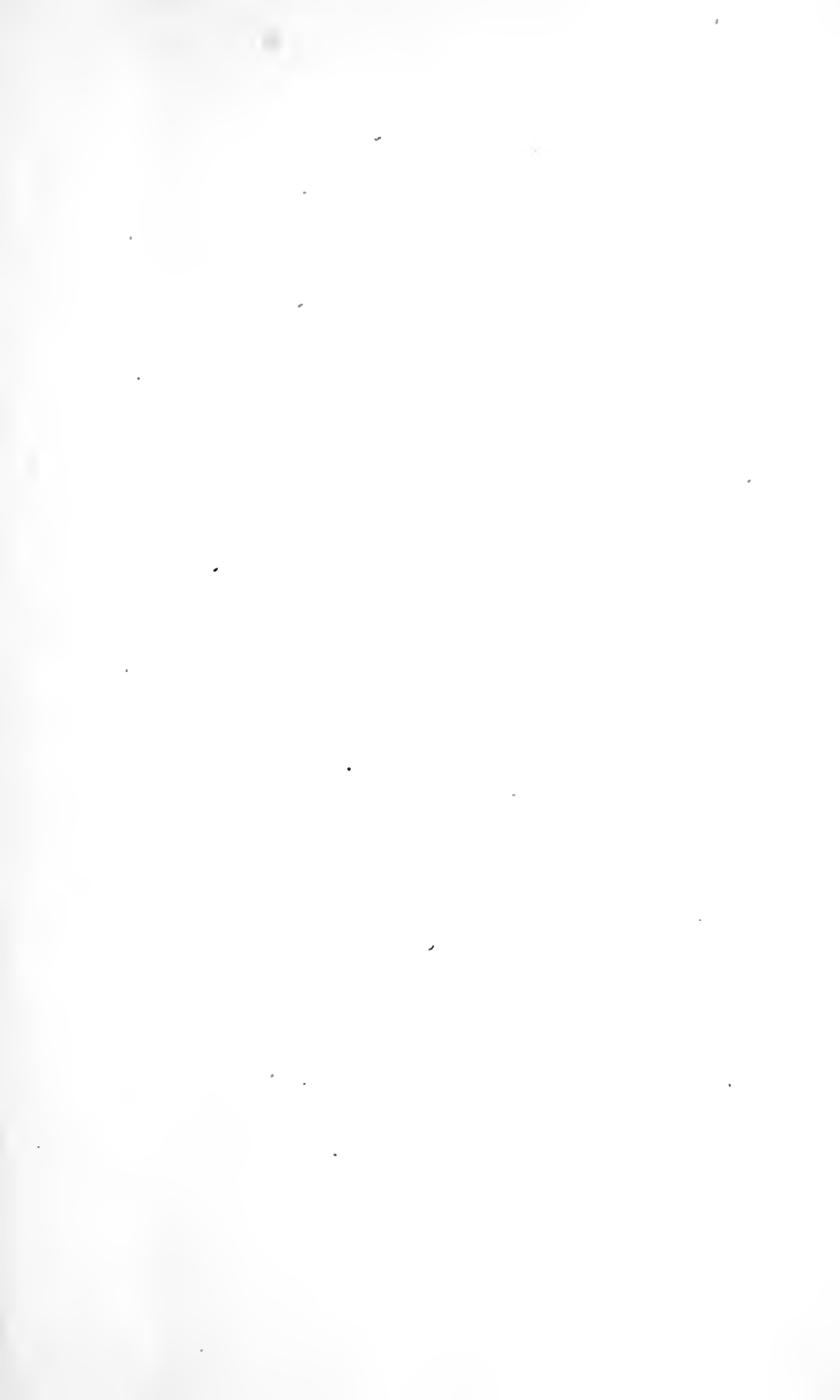
G. J. FITZGIBBON,  
H. H. HART,  
J. F. MORSE,  
J. M. WILLIAMSON.











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